

GenCore version 5.1.4.p5 4578
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OM protein - protein search, using sw model

Run on: March 19, 2003, 11:30:22 ; Search time 15 Seconds
 (without alignments)
 837,575 Million cell updates/sec

Title: US-10-009-328-41
 Perfect score: 1220
 Sequence: 1 MOORGAGGSRGCALFPLI.GV.....MARICVRCAEC1.DSDYEEYT 235

Scoring table: BLOSUM62
 Gapext 0.5

Searched: 221153 seqs, 53462247 residues

Total number of hits satisfying chosen parameters: 221153

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000
 Post-processing: Minimum Match 0%
 Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_Alt:
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 3: /cgcn2_6/pktodata/1/pubpaa/US06_NEW_PUB.pep:
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Result No.

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Match

Length

DB ID

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 2 1220 100.0 235 9 US-10-227_884_248 Sequence 238, App
 3 1220 100.0 235 9 US-10-230_163_238 Sequence 238, App
 4 1220 100.0 235 9 US-10-218_631_238 Sequence 238, App
 5 1220 100.0 235 9 US-10-230_338_238 Sequence 238, App
 6 1220 100.0 235 9 US-10-230_414_238 Sequence 238, App
 7 947 77.6 183 10 US-09-764-853-631 Sequence 631, App
 8 677 55.5 173 10 US-09-764-853-813 Sequence 813, App
 9 239.5 19.6 215 9 US-09-992-598-389 Sequence 389, App
 10 239.5 19.6 215 9 US-09-989-293A-389 Sequence 389, App
 11 239.5 19.6 215 9 US-09-989-735-389 Sequence 389, App
 12 239.5 19.6 215 9 US-09-990-444-389 Sequence 389, App
 13 239.5 19.6 215 9 US-09-989-730-389 Sequence 389, App
 14 239.5 19.6 215 9 US-09-991-436-389 Sequence 389, App
 15 239.5 19.6 215 9 US-09-991-181-389 Sequence 389, App
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 17 239.5 19.6 215 9 US-09-989-193-389 Sequence 389, App
 18 239.5 19.6 215 9 US-09-028-072-488 Sequence 488, App
 19 239.5 19.6 215 9 US-09-997-653-389 Sequence 389, App

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.

Query

Match

Length

DB ID

1 1220 100.0 235 9 US-10-053_107-12 Sequence 12, Appl
 2 1220 100.0 235 9 US-10-227_884_248 Sequence 238, App
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 7 947 77.6 183 10 US-09-764-853-631 Sequence 631, App
 8 677 55.5 173 10 US-09-764-853-813 Sequence 813, App
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ALIGNMENTS

RESULT 1
 US-10-053-107-12
 Sequence 72, Application US10053107
 Publication No. US2010192752A1
 GENERAL INFORMATION
 GODDARD, Audrey J.
 GODOWSKI, Paul J.
 GURNEY, Austin L.
 HILLIAN, Kenneth J.
 TUNAS, Daniel
 WATANABE, Colin K.
 WOOD, William T.
 TITLE OF INVENTION: Compositions and Methods for the Treatment of Immune

FILE REFERENCE: P3033R1C1
 CURRENT FILING DATE: 2002-01-17
 PRIOR APPLICATION NUMBER: 60/099601
 PRIOR FILING DATE: 1998-09-09

PRIOR FILING DATE: 1998-11-10
 PRIOR APPLICATION NUMBER: 60/108802

PRIOR FILING DATE: 1998-11-17
 PRIOR APPLICATION NUMBER: 60/113296

PRIOR FILING DATE: 1998-12-22
 PRIOR APPLICATION NUMBER: 60/131291

PRIOR FILING DATE: 1999-04-27
 PRIOR APPLICATION NUMBER: 60/151733

PRIOR FILING DATE: 1999-08-31
 PRIOR APPLICATION NUMBER: 60/209832

PRIOR FILING DATE: 2000-06-05
 PRIOR APPLICATION NUMBER: 60/232887

PRIOR FILING DATE: 2000-09-15
 PRIOR APPLICATION NUMBER: 60/18517

PRIOR FILING DATE: 1999-12-22
 PRIOR APPLICATION NUMBER: PCT/US99/00106

PRIOR FILING DATE: 1999-01-05
 PRIOR APPLICATION NUMBER: PCT/US99/20111

PRIOR FILING DATE: 1999-09-01
 PRIOR APPLICATION NUMBER: PCT/US00/04342

PRIOR FILING DATE: 2000-02-18
 PRIOR APPLICATION NUMBER: PCT/US00/05601

PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: PCT/US00/13705
; PRIOR FILING DATE: 2000-05-17
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/14941
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: PCT/US00/15264
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19652
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 14
; SEQ ID NO 12
; LENGTH: 235
; TYPE: PRT
; ORGANISM: Homo Sapien
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US-10-227-884-238
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; Publication No. US20030027988A1
; GENERAL INFORMATION:
; APPLICANT: Balar, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Goowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria F.
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530PIC79
; CURRENT APPLICATION NUMBER: US/10/227,884
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099811
; CURRENT FILING DATE: 1998-09-10
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; PRIOR FILING DATE: 1998-09-10

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; PRIOR APPLICATION NUMBER: 60/100085
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; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

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Db	1 MORGAGA\$RGCA\$FPLGVL\$FQGYIVFSLEIRADAHVYGVYGEKJKLCTFKSTPSDV 60				
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RESULT 3

US-10-230-163-238 Sequence 238, Application US/10230163
 Publication No. US2003003663541
 GENERAL INFORMATION
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 APPLICANT: Desnoyers, Luc
 APPLICANT: Gerritsen, Mary
 APPLICANT: Goddard, Audrey
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Smith, Victoria
 APPLICANT: Stephan, Jean-Philippe F.
 APPLICANT: Watanae, Colin L.
 APPLICANT: Wood, William J.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3530P1C96

CURRENT APPLICATION NUMBER: US/10/230,163

PRIOR FILING DATE: 2002-08-28

PRIOR APPLICATION NUMBER: 10/119,480

PRIOR FILING DATE: 2002-04-09

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/062287

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/063549

PRIOR FILING DATE: 1997-10-28

PRIOR APPLICATION NUMBER: 60/064103

PRIOR FILING DATE: 1997-10-31

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PRIOR FILING DATE: 1998-04-15

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PRIOR FILING DATE: 1998-04-22

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PRIOR FILING DATE: 1998-05-15

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PRIOR FILING DATE: 1998-07-07

PRIOR APPLICATION NUMBER: 60/095302

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PRIOR APPLICATION NUMBER: 60/096918

PRIOR FILING DATE: 1998-08-04

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PRIOR FILING DATE: 1998-08-10

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PRIOR FILING DATE: 1998-08-11

PRIOR APPLICATION NUMBER: 60/096791

PRIOR FILING DATE: 1998-08-17

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PRIOR FILING DATE: 1998-08-26

PRIOR APPLICATION NUMBER: 60/098544

PRIOR FILING DATE: 1998-08-31

PRIOR APPLICATION NUMBER: 60/095916

PRIOR FILING DATE: 1998-09-09

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PRIOR APPLICATION NUMBER: 60/099803

PRIOR FILING DATE: 1998-09-10

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PRIOR APPLICATION NUMBER: 60/099816

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PRIOR FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/100385

PRIOR FILING DATE: 1998-09-15

PRIOR APPLICATION NUMBER: 60/100390

PRIOR FILING DATE: 1998-09-15

PRIOR APPLICATION NUMBER: 60/100627

PRIOR FILING DATE: 1998-09-16

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PRIOR FILING DATE: 1998-09-18

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PRIOR FILING DATE: 1998-09-17

PRIOR APPLICATION NUMBER: 60/101477

PRIOR FILING DATE: 1998-09-23

PRIOR APPLICATION NUMBER: 60/101738

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PRIOR APPLICATION NUMBER: 60/101916

PRIOR FILING DATE: 1998-09-24

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PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/1016178

PRIOR FILING DATE: 1998-10-28

PRIOR APPLICATION NUMBER: 60/106248

PRIOR FILING DATE: 1998-10-29

PRIOR APPLICATION NUMBER: 60/106464

PRIOR FILING DATE: 1998-10-30

PRIOR APPLICATION NUMBER: 60/106905

PRIOR FILING DATE: 1998-11-03

PRIOR APPLICATION NUMBER: 60/108787

PRIOR FILING DATE: 1998-11-17

PRIOR APPLICATION NUMBER: 60/108801

PRIOR FILING DATE: 1998-11-17

PRIOR APPLICATION NUMBER: 60/108849

PRIOR FILING DATE: 1998-11-18

PRIOR APPLICATION NUMBER: 60/112422

PRIOR FILING DATE: 1998-12-15

PRIOR APPLICATION NUMBER: 60/113296

PRIOR FILING DATE: 1999-01-12

PRIOR APPLICATION NUMBER: 60/113605

PRIOR FILING DATE: 1999-01-12

PRIOR APPLICATION NUMBER: 60/113621

PRIOR FILING DATE: 1999-01-12

PRIOR APPLICATION NUMBER: 60/115558

PRIOR FILING DATE: 1999-02-10

PRIOR APPLICATION NUMBER: 60/11565

PRIOR FILING DATE: 1999-02-10

PRIOR APPLICATION NUMBER: 60/115733

PRIOR FILING DATE: 1999-03-19

PRIOR APPLICATION NUMBER: 60/119549

PRIOR FILING DATE: 1999-03-23

PRIOR APPLICATION NUMBER: 60/123618

PRIOR FILING DATE: 1999-03-29

PRIOR APPLICATION NUMBER: 60/125259

PRIOR FILING DATE: 1999-04-05

PRIOR APPLICATION NUMBER: 60/125775

PRIOR FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: 60/131022
; PRIOR FILING DATE: 1999-04-26
; PRIOR APPLICATION NUMBER: 60/131270
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; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 1220; DB 9; Length 235;
Best Local Similarity 100.0%; Pred. No. 9.8e-98;
Matches 235; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 MQORGAGSGRSGCALPPLGVLFFQCGVYIVFSLEIRADAHVRGGYGEKIKLKCTPKSTSVD 60
Db 1 MQORGAGSGRSGCALPPLGVLFFQCGVYIVFSLEIRADAHVRGGYGEKIKLKCTPKSTSVD 60

Oy 61 TDKLTDWTRPSSHTVSIFHYOSFOYPTTAGTFRDRISWGNVYKGDASISISNPTI 120
Db 61 TDKLTDWTRPSSHTVSIFHYOSFOYPTTAGTFRDRISWGNVYKGDASISISNPTI 120

Oy 121 KDNGTFSCKAVKNPPDVHNIPMTELTYERGFTMLSSVALLSLVYFVPSAVVALLVR 180
Db 121 KDNGTFSCKAVKNPPDVHNIPMTELTYERGFTMLSSVALLSLVYFVPSAVVALLVR 180

Oy 181 MGRKAAGLKKRSRGYKSSIEVSDDTDQEEEACMARLCVRCAECLDSYEETY 235
Db 181 MGRKAAGLKKRSRGYKSSIEVSDDTDQEEEACMARLCVRCAECLDSYEETY 235

RESULT 4
US-10-218-631-238
; Sequence 238, Application US/10218631
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria L.
; APPLICANT: Stephan, Jean Philippe F.
; APPLICANT: Watonabe, Colin L.

RESULT 5
US-10-230-338-238
; Sequence 238, Application US/10230338
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria L.
; APPLICANT: Stephan, Jean Philippe F.
; APPLICANT: Watonabe, Colin L.

APPLICANT: Wood, William J.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P35301C98
 CURRENT APPLICATION NUMBER: US/10/230,338
 CURRENT FILING DATE: 2002-08-28
 PRIOR APPLICATION NUMBER: 10/119,480
 PRIOR FILING DATE: 2002-04-09
 PRIOR APPLICATION NUMBER: 60/059113
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/062287
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/063549
 PRIOR FILING DATE: 1997-10-28
 PRIOR APPLICATION NUMBER: 60/064103
 PRIOR FILING DATE: 1997-10-31
 PRIOR APPLICATION NUMBER: 60/069873
 PRIOR FILING DATE: 1997-12-17
 PRIOR APPLICATION NUMBER: 60/078910
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/064103
 PRIOR FILING DATE: 1998-03-25
 PRIOR APPLICATION NUMBER: 60/079294
 PRIOR FILING DATE: 1998-03-25
 PRIOR APPLICATION NUMBER: 60/079556
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: 60/079728
 PRIOR FILING DATE: 1998-03-27
 Remaining Prior Application data removed - See File wrapper or PALM.
 NUMBER OF SEQ ID NOS: 246
 SEQ ID NO 238
 LENGTH: 235
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-230-338-238

Query Match 100.0%; Score 1220; DB 9; Length 235;
 Best Local Similarity 100.0%; pred. No. 9.8e-38;
 Matches 235; Conservative 0; Mismatches 0; Gaps 0;

QY 1 MOORGAGSRGCAFPPLGLVLFQGGYIVFSLEIRADAHVRYVGEXIKLKCTFKSTSVD 60
 DB 1 MOORGAGSRGCAFPPLGLVLFQGGYIVFSLEIRADAHVRYVGEXIKLKCTFKSTSVD 60
 QY 61 TOKLTIDWTYRPSSSHTVSIFHYOSFOYPTTAGTFDRISWGVNYKGDAISISNPTI 120
 DB 61 TDKLTIDWTYRPSSSHTVSIFHYOSFOYPTTAGTFDRISWGVNYKGDAISISNPTI 120
 QY 61 KDGTFSCAVKNPDPVHNNIPMTELTYERGFTMLSSVALSLIVFVPSAVVALLVR 180
 DB 61 KDGTFSCAVKNPDPVHNNIPMTELTYERGFTMLSSVALSLIVFVPSAVVALLVR 180
 QY 121 KDGTFSCAVKNPDPVHNNIPMTELTYERGFTMLSSVALSLIVFVPSAVVALLVR 180
 DB 121 KDGTFSCAVKNPDPVHNNIPMTELTYERGFTMLSSVALSLIVFVPSAVVALLVR 180
 QY 181 MGRKAAGLKKRSRGYKSSIEVSDDDDQEEEBACMRLYCVAECLSDYEETY 235
 DB 181 MGRKAAGLKKRSRGYKSSIEVSDDDDQEEEBACMRLYCVAECLSDYEETY 235
 QY 181 MGRKAAGLKKRSRGYKSSIEVSDDDDQEEEBACMRLYCVAECLSDYEETY 235
 DB 181 MGRKAAGLKKRSRGYKSSIEVSDDDDQEEEBACMRLYCVAECLSDYEETY 235

RESULT 6
 US-10-230-414-238
 Sequence 238, Application US/10/230414
 Publication No. US20030050448A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Desnoyers, Luc
 APPLICANT: Gerritsen, Mary
 APPLICANT: Goodhart, Audrey
 APPLICANT: Goowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Smith, Victoria
 APPLICANT: Stephan, Jean-Philippe F.
 APPLICANT: Watanabe, Colin L.
 APPLICANT: Wood, William J.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P35301C98
 ; CURRENT APPLICATION NUMBER: US/10/230,414
 ; CURRENT FILING DATE: 2002-08-23
 ; PRIOR APPLICATION NUMBER: 10/119,480
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059113
 ; PRIOR FILING DATE: 1997-10-17
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 ; PRIOR FILING DATE: 1998-03-25
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 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: 60/078910
 ; PRIOR FILING DATE: 1998-03-30
 ; PRIOR APPLICATION NUMBER: 60/079294
 ; PRIOR FILING DATE: 1998-03-31
 ; PRIOR APPLICATION NUMBER: 60/079556
 ; PRIOR FILING DATE: 1998-03-27
 ; Remaining Prior Application data removed - See File wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 246
 ; SEQ ID NO 238
 ; LENGTH: 235
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-230-414-238

Query Match 100.0%; Score 1220; DB 9; Length 235;
 Best Local Similarity 100.0%; pred. No. 9.8e-38;
 Matches 235; Conservative 0; Mismatches 0; Gaps 0;

QY 1 MOQRAGANGSRGCAFPPLGLVLFQGGYIVFSLEIRADAHVRYVGEXIKLKCTFKSTSVD 60
 DB 1 MOQRAGANGSRGCAFPPLGLVLFQGGYIVFSLEIRADAHVRYVGEXIKLKCTFKSTSVD 60
 QY 61 TDKLTIDWTYRPSSSHTVSIFHYOSFOYPTTAGTFDRISWGVNYKGDAISISNPTI 120
 DB 61 TDKLTIDWTYRPSSSHTVSIFHYOSFOYPTTAGTFDRISWGVNYKGDAISISNPTI 120
 QY 121 KDGTFSCAVKNPDPVHNNIPMTELTYERGFTMLSSVALSLIVFVPSAVVALLVR 180
 DB 121 KDGTFSCAVKNPDPVHNNIPMTELTYERGFTMLSSVALSLIVFVPSAVVALLVR 180
 QY 181 MGRKAAGLKKRSRGYKSSIEVSDDDDQEEEBACMRLYCVAECLSDYEETY 235
 DB 181 MGRKAAGLKKRSRGYKSSIEVSDDDDQEEEBACMRLYCVAECLSDYEETY 235
 QY 181 MGRKAAGLKKRSRGYKSSIEVSDDDDQEEEBACMRLYCVAECLSDYEETY 235
 DB 181 MGRKAAGLKKRSRGYKSSIEVSDDDDQEEEBACMRLYCVAECLSDYEETY 235

RESULT 7
 US-09-764-853-631
 ; Sequence 631, Application US/09764853
 ; Patent No. US20020090672A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 ; FILE REFERENCE: PJP06
 ; CURRENT APPLICATION NUMBER: US/09/764,853
 ; CURRENT FILING DATE: 2001-01-17
 ; PRIOR APPLICATION NUMBER: 09/764,853
 ; NUMBER OF SEQ ID NOS: 939
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 631
 ; LENGTH: 183
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-764-853-631
 Query Match 77.6%; Score 947; DB 10; Length 183;
 Best Local Similarity 100.0%; Pred. No. 2.3e-74;

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; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088002
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; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
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Query Match 5: GAAGSRGCAFLPLGIVLFFQGVYIVESLEIRADAHVRYGYGEKIKLKCTPKSTSVDYDQLK 64

Best Local Similarity 19.6% ; DB 9; Length 215;

Matches	Score	DB	Length	Indels	Gaps
68	19.6%	9	215	3	6
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Query 65: TIDWTYRPPSSHTVSIFHYOSFYPTTAGFRDRISWVGANYKGDAESISNPNTKDNG 124

DB 60: TYTNWFPLDGSPEQPVFYHDPFPMSGFPKRVSWDGPVDRDASILUWKQFDQDNG 119

Query 125: TFSCAVKNPDPDVH-----HNIPMTELTVPERGFITMLSSVALLSILVFPSAVV 173

DB 120: TYTCQVKNPPDVGDVIGEIRLSSVHITVRFSE1HFHLAIG --SAGALMIIIVI--VV 172

Query 174: VALLYRMGRKAAGL-----KRSRSGYKKSSLEVSDDO 208

DB 173: VLFOHVKKWAERAHKVTEKSKEPERLNQEKKYVSYLETD 215

RESULT 10
US-09-989-293A-389
Sequence 389, Application US/09989293A
Patent No. US2002177164A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Klijaviv, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watsonabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730F1C66

CURRENT APPLICATION NUMBER: US/09/989,293A
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
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PRIOR FILING DATE: 1998-06-02
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PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
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; PRIOR FILING DATE: 1998-06-23
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; PRIOR FILING DATE: 1998-07-09

Oy 174 VALLVYRMGRKAAGL-----KKRSRGKKS1EVSDUDT 208
Db 173 VLFOHVRKKRVAERAHVKEELSKKEERLNQEKKSVYLEDTD 215

RESULT 11
US-09-989-735-389
; Sequence 389, Application US/09989735
; Publication No. US2002019329941
; GENERAL INFORMATION:
; APPLICANT: Asikenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijaviv, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; ACIDS Encoding the Same
; FILE REFERENCE: P2730P1C61
; CURRENT APPLICATION NUMBER: US/09/989,735
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04

Query Match 19.6%; Score 239.5; DB 9; Length 215;
Best Local Similarity 30.5%; Pred. No. 2.2e-13;
Matches 68; Conservative 33; Mismatches 93; Indels 29; Gaps 6;

Oy 5 GAAGSGRCGCAFPIJGVLFQGVYIVFSLEIRADAHVRYGVGEKIKLKCTFKSTSVDYTDKL 64
Db 3 GKSSTR-AVLLLGIQ-LTALMPIAAEIYTSLRVEAVNGTDAKLKTFSSEPAVGDL 59

Oy 65 TIDTYRIPSSSHHTVSIFHYQSFOYPTAGTFRDRISVGNYKGDAISISNPTIKDNG 124
Db 60 TVTNFNRPLGGPQQFVYYH1DPQPSGRFRKDVRSDGNPNEYDASILLWKLQFDONG 119

Oy 125 TFSCKAVKPPDVH-----HNIPMTTELTVTFRGFTMLSSVALLSILVFVPSAVV 173
Db 120 TYTCOKNPDPDGIVGEIIRLSVHVTFRSEIHFLAIG--SACALMIIIV---VV 172

PRIOR APPLICATION NUMBER: 60/088029
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PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090255

Oy 125 TFSCKAVKNNPPDVH-----HNIPMTFLTVTERGFGTMSSVALLSILVFVPSAVV 173
 DB 120 TYTCVKNNPPDVGIGEIRLSVHTVRFSTIHFLAIG---SACALMIVI----vv 172

Oy 174 VALLYVRMGKAAGL-----KKRSRGYKSSIEVSDDTD 208
 DB 173 VLFOHYRKVRKAERAHKVKEKSKEERLNQEKKVSYLEDTD 215

RESULT 12

US-09-990-444-389

Sequence 389, Application US/09990444
 Publication No. US20020193300A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Klijavin, Iver J.
 APPLICANT: Napier, Mary A.
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 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same

FILE REFERENCE: P2730PIC19

CURRENT APPLICATION NUMBER: US/09/990,444

CURRENT FILING DATE: 2001-11-14

PRIOR APPLICATION NUMBER: 60/049787

PRIOR FILING DATE: 1997-06-16

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;

PRIOR FILING DATE: 1998-07-07 ; PRIOR APPLICATION NUMBER: 60/092182 ; PRIOR FILING DATE: 1998-07-09

Query Match 19.6% ; Best Local Similarity 30.5% ; Pred. No. 2.2e-13; Mismatches 93; Indels 29; Gaps 6;

Oy 5 GANGSRGCAALPILGVLFQGVYIIVFSLIEIRADAHVGYVGK 1KLKCTERSTSDYUUKL 64
Db 3 GNSSTR - AVVLLGIC - LTALWPIAAVEYLTSRVLFAVNGTDARLKCTESSPAVGDAL 59

Qy 65 TIDWTYRPPSSHTVSIFHYQSQYPTTAGTPRDRISWGNVYKGDASITISNPTIKDNG 124
Db 60 TYTNFRPLDGGEPEOFYYHDPFQPMGSRKDRVSWDGNERYDSIILWKLQFDNDG 119

Qy 125 TFECAVNKNPPDVH- - - - - HNIPMTELTVTERGFCTMLSVALLSILVFPSSAVV 173
Db 120 TYTCQVKNPPDVGDVIGEIRLSVWHTYRFSETHFLALAIG-- - SACALMIIIVI---VV 172

Qy 174 VALLLVNGRKAGL- - - - - KRRRSRGYKKS1EVSDDDT 208
Db 173 VLFOHQYRKKRWAERAHKVEJKSKKEERLNQERKVSVYLEDTD 215

RESULT 15

US-09-991-181-389 ; Sequence 389, Application US/09991181
; Publication No. US2002019/615A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Boiststein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fony, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
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; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Klijav in Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin

;

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same

FILE REFERENCE: P27301C53 ; CURRENT APPLICATION NUMBER: US/09/991_181
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
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; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
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; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
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; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          19.68; Score: 239.5; DB: 9; Length: 215;
Best Local Similarity 30.5%; Pred. No. 2.2e-13;
Matches 68; Conservative 33; Mismatches 93; Indels 29; Gaps 6;

Qy      5 GAAGSGRGCALFPLLGVLIFQGVYIVFSLEITRADAHVRYGVGEKIKLKCTFKSTSVDVTDKL 64
Db      3 GKSSSTR-AVLLLGLG10-LTALMPIAAWEIYTSRVEAVNGTNDARLJCTFSSFAPVGDAL 59
Qy      65 TIDWTYRPSSSSHTVSIHYOSFOYPTAGTPDRISWGNVYKGDASISISNPTIKDNG 124
`b     60 TVIWNFRLDGGPEQFYHIDFPQNSGRFKDRSKDGNPERYDASILMLKLOFDNG 119
`      / TESCAVKNPDPDH-----HNIPMTELTVTERGFGTMSSVALSLTVFVPSAVV 173
Db     120 TYTCQVKNPDPDVIGEIRLSVYHTVFSETHFLAIG--SACALMIIIVI---VV 172
Qy      174 VALLVVRMGRKAAGL-----KKRSRGYKKSSIIEWSDDTD 208
Db     173 VLFBQHYRKWRKWAERAKKVEIKSKEEEERLNOERKVSVYLED'D 215

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Search completed: March 19, 2003, 11:14:39
 Job time : 17 secs

GenCore version 5.1.4-p5-4578
 Copyright (c) 1993 - 2003 Compugen Ltd.

Om nucleic - nucleic search, using sw model

Run on: March 17, 2003, 09:32:47 ; Search time 134 Seconds
 (without alignments)
 5080.665 Million cell updates/sec

Title: US-10-009-328-84

Perfect score: 970

Sequence: 1 ggatgcagcaggaggaca.....tgtaaatgtaatggaaaatc 970

Scoring table: IDENTITY_NUC Gapext 1.0

Searched: 501302 seqs, 350932545 residues

Total number of hits satisfying chosen parameters: 1002604

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_NA:*

1: /cgn2_6_ptodata/1/pubpna/US07_PUBCOMB.seq;*
 2: /cgn2_6_ptodata/1/pubpna/PCT_NEW_PUB.seq;*
 3: /cgn2_6_ptodata/1/pubpna/US06_NEW_PUB.seq;*
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8 LISTING

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived from analysis of the total score distribution.

SUMMARIES

Result No. Score Query No. Score Match Length DB ID Description

Result No.	Score	Query No.	Score	Match	Length	DB	ID	Description
1	969	99.9	983	9	US-10-053-107-11			Sequence 11, App1
2	969	99.9	983	9	US-10-227-084-227			Sequence 237, App2
3	969	99.9	983	9	US-10-230-163-237			Sequence 237, App3
4	969	99.9	983	9	US-10-218-331-237			Sequence 237, App4
5	969	99.9	983	9	US-10-230-338-237			Sequence 237, App5
6	805.2	83.0	3802	10	US-09-764-853-211			Sequence 211, App6
7	665.2	68.6	836	10	US-09-764-853-193			Sequence 393, App7
8	75	7.7	1553	9	US-10-012-542-74			Sequence 74, App8
9	67.4	6.9	1371	9	US-09-992-598-388			Sequence 388, App9
10	67.4	6.9	1371	9	US-09-989-393A-388			Sequence 388, App10
11	67.4	6.9	1371	9	US-09-989-735-388			Sequence 388, App11
12	67.4	6.9	1371	9	US-09-990-44-388			Sequence 388, App12
13	67.4	6.9	1371	9	US-09-989-330-388			Sequence 388, App13
14	67.4	6.9	1371	9	US-09-990-436-388			Sequence 388, App14
15	67.4	6.9	1371	9	US-09-990-181-388			Sequence 388, App15
16	67.4	6.9	1371	9	US-09-993-687-388			Sequence 388, App16
17	67.4	6.9	1371	9	US-09-989-334-388			Sequence 388, App17
18	67.4	6.9	1371	9	US-10-028-072-487			Sequence 487, App18
19	67.4	6.9	1371	9	US-09-997-653-388			Sequence 388, App19

ALIGNMENTS

RESULT 1
 US-10-053-107-11

Sequence 11, Application US-10033107
 Publication No. US20020192752A1

GENERAL INFORMATION:

APPLICANT: Goddard, Audrey
 Godowski, Paul J.
 Gurney, Austin L.
 Hillian, Kenneth J.
 Tumas, Daniel
 Watanabe, Colin K.
 Wood, William I.

APPLICANT: Hillian, Kenneth J.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William I.

TITLE OF INVENTION: Compositions and Methods for the Treatment of Immune Disease

FILE REFERENCE: P3033R1C1

CURRENT APPLICATION NUMBER: US-10-053,107

PRIOR APPLICATION NUMBER: 60/099601

PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: 60/107783

PRIOR FILING DATE: 1998-11-10

PRIOR APPLICATION NUMBER: 60/108802

PRIOR FILING DATE: 1998-11-17

PRIOR APPLICATION NUMBER: 60/113296

PRIOR FILING DATE: 1998-12-22

PRIOR APPLICATION NUMBER: 60/131291

PRIOR FILING DATE: 1999-04-27

PRIOR APPLICATION NUMBER: 60/151733

PRIOR FILING DATE: 1999-08-31

PRIOR APPLICATION NUMBER: 60/209832

PRIOR FILING DATE: 2000-06-05

PRIOR APPLICATION NUMBER: 60/232887

PRIOR FILING DATE: 2000-09-15

PRIOR APPLICATION NUMBER: 60/218517

PRIOR FILING DATE: 1998-12-22

PRIOR APPLICATION NUMBER: PCT/US99/00106

PRIOR FILING DATE: 1999-01-05

PRIOR FILING DATE: 1999-09-01

PRIOR APPLICATION NUMBER: PCT/US99/20111

PRIOR FILING DATE: 2000-02-18

PRIOR APPLICATION NUMBER: PCT/US00/04342

PRIOR FILING DATE: 2000-02-18

PRIOR APPLICATION NUMBER: PCT/US00/05601

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; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: PCT/US00/13705
; PRIOR FILING DATE: 2000-05-17
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/14941
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: PCT/US00/15264
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 14
; SEQ ID NO 11
; LENGTH: 983
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-053-107-11

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Query Match 99.9%; Score 969; DB 9; Length 983;

	Best Local Similarity	No. of Mismatches	Pred.	Length
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Db	1 GATGCGAGAGAGGGAGCTGGAAAGCGGTTCTGCCTCTGGCG 60	0;	Indels 0;	Gaps 0;
Oy	61 TCCCTGTCTTCCAGGGTGTCTTATATCGTCTTCAGATGCCATG 120			
Db	61 TCCCTGTCTTCCAGGGTGTCTTATATCGTCTTCAGATGCCATG 120			
Oy	121 TCCGAGGTATGGAGAAAAGATCAAGTGTGAANTGGACTTCAAGTCAGATC 180			
Db	121 TCCGAGGTATGGAGAAAAGATCAAGTGTGAATGGACTTCAAGTCAGATC 180			
Oy	181 TCACTGACAAAGCTTACTATAGTACTGGACATATGCCCTCCAGCACAGCTAT 240			
Db	181 TCACTGACAAAGCTTACTATAGTACTGGACATATGCCCTCCAGCACAGCTAT 240			
Oy	241 CAATATTCAATTATCGTCTTCCAGTACCCACCAAGCGCACATTGGGATCGGA 300			
Db	301 TTCCCATGACAGAGCTAACAGTCAGCTTACAGTCAGCTAACATAGTAAAGCACCCTACA 360			
Oy	361 TAAGGAAATGGGACATTCAGCTGCTGTGAAATCCCCAGATGCAACCTAATAAGCACCCTACA 420			
Db	361 TAAGGAAATGGGACATTCAGCTGCTGTGAAAGATCCCAGATGCAACCTACA 420			
Oy	421 TTCCCATGACAGAGCTAACAGTCAGCTTACAGTCAGCTAACATAGTAAAGCACCCTACA 480			
Db	421 TTCCCATGACAGACTAACAGTCAGCTTACAGTCAGCTAACATAGTAAAGCACCCTACA 480			
Oy	481 CCCCTCTTCCATCCTCTCTTGACCATCTCCCTCTGGCTGTGCTGTGAA 540			
Db	481 CCCCTCTTCCATCCTCTTGACCATCTCCCTCTGGCTGTGCTGTGAA 540			
Oy	541 GAATGGGAGGAGGGCTGGCTGAAGAGGGAGGCTGGCTTAAGAACAT 600			
Db	541 GATGGGAGGAGGGCTGGCTGAAGAGGGAGGCTGGCTTAAGAACAT 600			

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RESULT 2

US-10-227-884-237

Sequence 237, Application US/1027884

; Publication No. US20030027988A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; DESNOYERS, Luc
; CERRITSEN, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P35301C179
; CURRENT APPLICATION NUMBER: US/10/227-884
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
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; PRIOR APPLICATION NUMBER: 60/063519
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; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 99.9% Score 969; DB 9; Length 983;
Best Local Similarity 100.0%; Pred. No. 3.8e-286;
Matches 969; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; b 1 GGATGAGCAGAGAGGGACAGCTGGAAAGCCGTCGGCTCGCTCGCTGGCG 60

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Qy 121 TCGAGGTATGGAGAAGATACTGTAATGGAGAATCACTTCAGTCAG 180
Db 121 TCGAGGTATGGAGAAGATACTGTAATGGAGAATCACTTCAGTCAG 180

Qy 181 TCACTGAGAACGTTACTATAGACTGGACATATGGACATATGCCCTCCAGGAGGCCACACAT 240
Db 181 TCACTGAGAACGTTACTATAGACTGGACATATGGACATATGCCCTCCAGGAGGCCACACAT 240

Qy 241 CAATATTCATTATCACCTTCCAGTACCCAAACCCAGCAGCATTTCGGATCAGGA 300
Db 241 CAATATTCATTATCACGTTACCCAAACCCAGCAGCATTTCGGATCAGGA 300

Qy 301 TTCCCTGGTGGAAAGTATAACAAGGGGAGCATATAAGCTATAAGCCACCTACCA 360
Db 301 TTCCCTGGTGGAAAGTATAACAAGGGGAGCATATAAGCTATAAGCTAACCA 360

Qy 361 TAAGGAAATGGGACATTCAGGTGTGGTGGAGAATCCCCAGATGTGACCAATA 420
Db 361 TAAGGAAATGGGACATTCAGGTGTGGTGGAGAATCCCCAGATGTGACCAATA 420

Qy 421 TTCCCATGACAGCTAACAGTCACGTTGGCTTGAGANTCCCAGATGTGACCAATA 480
; b 421 TTCCCATGACAGCTAACAGTCACGTTGGCTTGAGANTCCCAGATGTGACCAATA 480

Qy 481 CCCTTCCTTCATCCCTGCTGCTGGCTCAGCCGTTGGCTGGCTGGCTGGCTGG 540
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Qy 541 GAATGGGGAGGGGCGTGGCTGAGAAAGGGAGGGCTGGCTATAAGAACAT 600
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Qy 601 CTATTGAGGTTCCGATGACACTGATGAGGAGGAGGCTGGCTGAAGAGAGGCTGGCTGG 720
Db 601 CTATTGAGGTTCCGATGACACTGATGAGGAGGAGGCTGGCTGAAGAGGCTGGCTGG 720

Qy 661 GPTTCGGTGGCTGAGGCCGGATCAGACTGATGAGGAGGAGGCTGGCTGGCTGG 720
Db 661 GPTTCGGTGGCTGAGGCCGGATCAGACTGATGAGGAGGCTGGCTGGCTGG 720

Qy 721 TATGACAAAGAACGTTAACGTTAACGTTAACGTTAACGTTAACGTTAACG 780
Db 721 TATGACAAAGAACGTTAACGTTAACGTTAACGTTAACGTTAACGTTAACG 780

Qy 781 CTCAGAGCAAAGTGGACCTGGCTGGCTGGACATAGCGATGAAATCCGGAGATCATCG 840
Db 781 CTCAGAGCAAAGTGGACCTGGCTGGCTGGCTGGACATAGCGATGAAATCCGGAGATCATCG 840

Qy 841 TAAAGACTTTAGGAAACCATTATTGAAATAATGTTCTGTGTATTATAAACCTG 900
Db 841 TAAAGACTTTAGGAAACCATTATTGAAATAATGTTCTGTGTATTATAAACCTG 900

Qy 901 TCAGGAAGTCATAGAGACATGACTCCCTTCATGAAATTGCTGTATTGAA 960
Db 901 TCAGGAAGTCATAGAGACATGACTCCCTTCATGAAATTGCTGTATTGAA 960

Qy 961 TGAAGAAAT 969
Db 961 TGAAGAAAT 969

RESULT 3
US-10-230-163-237
Sequence 237, Application US/10/230163
; Publication No. US20030036635A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin I.
; APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3350P199
CURRENT APPLICATION NUMBER: US/10/230-163
CURRENT FILING DATE: 2002-08-28
PRIOR APPLICATION NUMBER: 10/119,480
PRIOR FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063549
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PRIOR APPLICATION NUMBER: 60/069873
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; PRIOR FILING DATE: 1999-12-07
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; PRIOR APPLICATION NUMBER: 60/169855

Query Match Score 969;
Best Local Similarity 100.0%; Pred. No. 3.8e-286;
Length 983;
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Qy	1	GGATCGAGCAGAGGAGCACCTGGAGCCGAGCTGGCTGGCGCTCTGCCTCTGCTGGCG	60					
Db	1	GGATCGAGCAGAGGAGCACCTGGAGCCGAGCTGGCTGGCGCTCTGCCTCTGCTGGCG	60					
Oy	61	TCCGTGTTCTTCAGGGTGTATTATCGTCTTCCPCTGGAGATTCTGAGATGCCATG	120					
Db	61	TCCGTGTTCTTCAGGGTGTATTATCGTCTTCCPCTGGAGATTCGAGATGCCATG	120					
Qy	121	TCCGAGGTATGTTGAGAAAAGATAAAGTGAAGTGTAAATGCACTTCAAGTAACCTCAGATG	180					
Db	121	TCCGAGGTATGTTGAGAAAAGATAAAGTGAAGTGAAGTAAATGCACTTCAAGTAACCTCAGATG	180					
Oy	181	TCACTGACAGCTTACTATAGCTGACATATGCCTCCAGCAGGCCACAGCTAT	240					
Db	181	TCACTGACAGCTTACTATAGCTGACATATGCCTCCAGCAGGCCACAGCTAT	240					
Qy	241	CAATATTCAATTATCAGTTCCAGTACCAACCACAGCAGGCCACATTGGATGGATGCACTTAAAGAACCCCTACCA	300					
Db	241	CAATATTCAATTATCAGTTCCAGTACCAACCACAGCAGGCCACATTGGATGGATGCACTTAAAGAACCCCTACCA	300					
Qy	301	TTCCTGGGTGGAAATGTATACAAGGGATGCACTTAAAGAACCCCTACCA	360					
Db	301	TTCCTGGGTGGAAATGTATACAAGGGATGCACTTAAAGAACCCCTACCA	360					
Oy	361	TAAGGACATGGACATTCACTGGCTGTGAGATCCCAGATGGCACCATATAA	420					
Dh	361	TAAGGACATGGACATTCACTGGCTGTGAGATCCCAGATGGCACCATATAA	420					
Qy	421	TTCCCATGACAGGCTAACAGTCACAGAAAGGGTTTGACCATGCTCTCTGTG	480					
Db	421	TTCCCATGACAGGCTAACAGTCACAGAAAGGGTTTGACCATGCTCTCTGTG	480					
Qy	481	CCCTTCTTCATCCCTTGTGTCGCCCTCAAGCCGTTGCTGCTGCTGTGTA	540					
Db	481	CCCTTCTTCATCCCTTGTGTCGCCCTCAAGCCGTTGCTGCTGCTGTGTA	540					
Oy	541	GAATGGGAGGAAGGCTGGCTGGCTTAAGAGAGGGAGGTCTGGCTATAGAAGTCT	600					
Db	541	GAATGGGAGGAAGGCTGGCTGGCTTAAGAGAGGGAGGTCTGGCTATAGAAGTCT	600					
Qy	601	CTATPTGAGCTTCGGATGACACTGATCGAGGAGGAGGGCTGTATGGCAGGGCTT	660					
Db	601	CTATPTGAGCTTCGGATGACACTGATCGAGGAGGAGGGCTGTATGGCAGGGCTT	660					
Oy	661	GTGTCGGTTGGCTGAGTGGCTGGATTCAAGCTATGAGACATATTGATGAAAGCTG	720					
Db	661	GTGTCGGTTGGCTGAGTGGCTGGATTCAAGCTATGAGACATATTGATGAAAGCTG	720					
Qy	721	TATGACACAGAACAGTCACTTAAGACAGGAACATCCATCTGGCAGCTAANAG	780					
Db	721	TATGACACAGAACAGTCACTTAAGACAGGAACATCCATCTGGCAGCTAANAG	780					
Qy	781	CTGTCAGAGAAGTGGAGCTGGCTTGACCATAGGGATGGACAATCTGGAGATCATAG	840					
Db	781	CTGTCAGAGAAGTGGAGCTGGCTTGACCATAGGGATGGACAATCTGGAGATCATAG	840					
Oy	841	'TAAAGACTT'AGGAACCAC'TATTATTGAAATAATGTTCTGTTGATTAACCTG	900					
Db	841	'TAAAGACTT'AGGAACCAC'TATTATTGAAATAATGTTCTGTTGATTAACCTG	900					
Qy	901	TCAAGGACTCTATAGAGACTCATGACTTCCCTTCATGAAATTGCTTAATGAA	960					
Db	901	TCAAGGACTCTATAGAGACTCATGACTTCCCTTCATGAAATTGCTTAATGAA	960					
Qy	961	TGAAGAAAT 969						
Db	961	TGAAGAAAT 969						

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 421 TTCCCATGACAGAGTTAACACTCACAGAAAAGGGTTGGCACCATGCTTCTCTCTCTGG 480
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 601 CTATGGGTTCCATGACACTGATCAGGAGGAGAAGGGCTGGCTGGCTGGCT 660
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 781 CTGTAGAGAAAGTAGCTGGCTGGCTGGCATGGGAAATCTGGAGATCATCAG 840
 841 TAAGACTTAGGAAACCATTATTATGGAAATACTCTTGTGTGTTATAAACTGT 900
 841 TAAACATTAGGAAACCATTATTATGGAAATACTCTTGTGTGTTATAAACTGT 900
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 961 TGAAGAAAT 969
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 961 TGAAGAAAT 969

SUIT 5

-10-230-338-237

Sequence 237 Application US/10230338

Publication No. US20030044934A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Desnoyers, Luc

APPLICANT: Gerritsen, Mary

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Smith, Victoria

APPLICANT: Stephan, Jean-Philippe F.

APPLICANT: Watanabe, Colin L.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P35301C92

CURRENT APPLICATION NUMBER: US/10/230-338

CURRENT FILING DATE: 2002-08-28

PRIOR APPLICATION NUMBER: 10/119,480

PRIOR FILING DATE: 2002-04-09

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/062287

Qy	580	GGTCTGGCTATAAGAAGTCATCTATTGAGGTTCGGATGACACTGATCAGGGAAAG	639
Db	422	GGCTGGCTATAAGAAGTCATCTATTGAGGTTCGGATGACACTGATCAGGGAAAG	481
Qy	640	AGGGGTGTATGGCGAGGCCTTGTCGTTGGCTGACTGATCTGGTTCCATGACACTGATCAGGGAAAG	699
Db	482	AGGCCGTGTGGCAGGCTTGTCGCTGAGTGGCTGGATTCACTGATCAGGGAAAG	541
Qy	700	AGACATATTCATGAAAGTCATGATGACACAGAACGTCACCTAAGACAGGAACATCC	759
Db	542	AGACATATTCATGAAAGTCATGATGACACAGAACGTCACCTAAGACAGGAACATCC	601
Qy	760	CATTCACCTGGCAGCTAAACCTGTCAGAAAGTGGAGCTGGCTGGACCATGGGATG	819
Db	602	CATTCACCTGGCAGCTAAACCTGTCAGAAAGTGGAGCTGGCTGGACCATGGGATG	661
Qy	820	GACAACTCTGGAGATCACGTAAGAACGCTTAAAGACACTTAAAGAACCTTATTTGATAAATGTT	879
Db	662	GACAACTCTGGAGATCACGTAAGAACGCTTAAAGAACCTTATTTGATAAATGTT	721
Qy	880	CTTGTGTGATTATAAACTGTTCAAGGAGCTCTCATAGAGACTCATGACTGATCCTTCATCA	939
Db	722	CTTGTGTGATTATAAACTGTTCAAGGAGCTCTCATAGAGACTCATGACTGATCCTTCATCA	781
Qy	940	ATGATATGCTGTAATTGATGAAAT	969
Db	782	ATGATATGCTGTAATTGATGAAAT	811
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; Sequence 393, Application US/09764853			
; Patent No. US20090090672A1			
; GENERAL INFORMATION:			
; APPLICANT: Rosen et al.			
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies			
; FILE REFERENCE: PJ06			
; CURRENT APPLICATION NUMBER: US/09/764,853			
; CURRENT FILING DATE: 2001-01-17			
; prior application date removed - consult PALM or file wrapper			
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; NAME/KEY: SITE			
; LOCATION: (760)			
; OTHER INFORMATION: n equals a,b,g, or c			
US-09-764-853-393			
Query Match Score 665.2; DB 10; Length 836;			
Best Local Similarity 97.0%; Pred. No. 3.1e-193; Mismatches 13; Indels 5; Gaps			
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Db	100	GGATTCCCTTCAGTCACCTGAACTTCAAGTCACCTGACAAGCTTACTATAGACTGGACATA	159
Qy	212	TCGCCCTCCAGCACGCCAGTCACAGTATCAATAATTTCATTAACGCTTCACCTGACCC	271
Db	160	TCGCCCTCCAGCACGCCAGTCACCTGAACTTCAAGTCACCTGACAAGCTTACTATAGACTGGACATA	219
Qy	272	AACCACGAGGCCACATTGGATGGATTCTGGTTGAAATGTATACAAGGGAA	331
Db	220	AACCACGAGGCCACATTGGATGGATTCTGGTTGAAATGTATACAAGGGAA	278
Qy	332	TGCATCTATAAGTATAAGAACCTTACATAAGGACAAATGGACATTACGTCGTGT	391
Db	279	TGCATCTATAAGTATAAGAACCTTACATAAGGACAAATGGACATTACGTCGTGT	338

RESULT 8
 US-10-012-542-74
 Sequence 74, Application US/10012542
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 ; APPLICANT: Ruben et al.
 ; TITLE OF INVENTION: 94 Human Secreted Proteins
 ; FILE REFERENCE: P202981
 ; CURRENT APPLICATION NUMBER: US/10/012,542
 ; CURRENT FILING DATE: 2001-12-12
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/461,325
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-14
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,507
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16
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 ; SOFTWARE: PatentIn Ver. 2.0
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 ; LENGTH: 1553
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-012-542-74
 Query Match 7.7% score 75; DB 9; Length 1553;
 Best Local Similarity 100.0%; Pred. No. 1.7e-12;
 Matches 75; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 9
 US-09-992-598-388
 Sequence 388, Application US/09992598
 ; Patent No. US2002/016384A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenaz, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyer, Paul J.
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Haispeter
 ; APPLICANT: Gerritsen, Mary E.
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 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kliavkin, Ivar J.
 ; APPLICANT: Napier, Mary A.
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 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zamin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P27301C0
 ; CURRENT APPLICATION NUMBER: US/09/992,598
 ; CURRENT FILING DATE: 2001-11-14
 ; PRIOR APPLICATION NUMBER: 60/043787
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; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
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; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          6.9%; Score 67.4; DB 9; Length 1371;
Best Local Similarity 53.6%; Pred. No. 3 4e-10;
Matches 140; Conservative 0; Mismatches 121; Indels 0; Gaps 0;

Qy 149 GTGAAATGCACTTCAAGTCAACTTCAGATGTCACTGACAAGCTTACTATAGACTGGAC 208
Db 252 GTTAAATGCACTTCAGCTTGTGCCCTGTGGTGTACAGTACAGTCATGGAA 311

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Qy 209 ATATCCCCCTCCAGGACCCACAGTAAATTACGTTCCAGTA 268
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 Db 312 TTTCGTCCTCTAGGGGACCTAGCGATTCTACTACATAGATCCTT 371
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 Qy 269 CCCAACACAGGGCACATTGGGATCGGATTCTGGTTGAATGTATAAAGG 328
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 Db 372 CCAACCCATGAGTGGCGGTTAAGGACCGGGTGCTGAGGGTA 433
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 Qy 329 GGATGCATCTAAGTATAGCAACCTACCATAAAGGACATGGGACATTAGCTGTC 388
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 Qy 389 TGTGAGAAATCCCCAGATGT 409
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 Db 492 GGTGAAGAACCCACCTGTATGT 512
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RESULT 10
 us-09-989-293A-388
 Sequence 388. Application US/09989293A
 Patent No. US20021716A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi Avi J.
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein David
 APPLICANT: Desnoyers Luc
 APPLICANT: Eaton Dan L.
 APPLICANT: Ferrara Napoleone
 APPLICANT: Fong Sherman
 APPLICANT: Gerber Hans Peter
 APPLICANT: Gerritsen Mary E.
 APPLICANT: Goddard Audrey
 APPLICANT: Godowski Paul J.
 APPLICANT: Grimaldi J. Christopher
 APPLICANT: Gurney Austin L.
 APPLICANT: Kijaviv Ivor J.
 APPLICANT: Napier Mary A.
 APPLICANT: Pan James
 APPLICANT: Paoni Nicholas F.
 APPLICANT: Roy Margaret Ann
 APPLICANT: Stewart Timothy A.
 APPLICANT: Tumas Daniel
 APPLICANT: Watanabe Colin K.
 APPLICANT: Williams P. Mickey
 APPLICANT: Wood William I.
 APPLICANT: Zhang Zemin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

FILE REFERENCE: P2730PCB6

CURRENT APPLICATION NUMBER: US/09/989-293A

CURRENT FILING DATE: 2001-11-20

PRIOR APPLICATION NUMBER: 60/049787
 PRIOR FILING DATE: 1997-06-16
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/065186
 PRIOR FILING DATE: 1997-11-12
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PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07

; PRIOR FILING DATE: 1998-07-09

Query Match 6.9%; Score 67.4; DB 9; Length 1371;
Best Local Similarity 53.6%; Pred. No. 3.4e-10;
Matches 140; Conservative 0; Mismatches 121; Indels 0; Gaps 0

Qy 149 GTTGAATGACTTCAAGTCACCTCAGATGTCACTGAACTTACTATAGCTGGAC 208
Db 252 GTTAAATAATGACTTCTCAGCTTGTGCCCTGGGTTAACGTGACCTGGAA 311

Qy 209 ATATGGCCCTCCAGCAGCACAGSTPATCATATTCATTATCATTATCAGTCCTTCAGTA 268
Db 312 TTTCGTCCTCTAGAGGGGACCTTGATCGCTTCTATTCATACCATAGTCCTT 371

Qy 269 CCCACACAGCAGGCCACATTGGGATTCGGATTCTGGTTGAAATCTATACAAAGG 328
Db 372 CCAACCCATGAGTGGGGTTAAAGCACCGGGTCTGGATGSSAACCTGACCGGTA 431

Qy 329 GGATGCATCTATAAGTATAGCAACCTACCATAAAGGAAATGGACAACTGAGCTGTGC 388
Db 432 CGATGCCCTCATCCCTCTCGGAAACTGGACTACCTGACGAAATGGACATACCTGCCA 491

Qy 389 'GTGAGAATCCCCAGATG 409
Db 492 GGTAGAACCCACCTGATGT 512

RESULT 11 US-09-989-735-388

; Sequence 388, Application US/09989735
; Publication No. US/0020193299A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurley, Austin L.
; APPLICANT: Kijaviv, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoli, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same
; FILE REFERENCE: P2730PIC61
; CURRENT APPLICATION NUMBER: US/09/989-735
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/043787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
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; PRIOR APPLICATION NUMBER: 60/075945

PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
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PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598

Query Match Score 6.98; Length 1371;
 Best Local Similarity 53.6%; Pred. No. 3.4e-10;
 Matches 140; Conservative 0; Mismatches 121; Indels 0; Gaps 0;

Oy 149 GTTGAATGCACTTCAGTCAACTCAGATGTCACTGACAGCTTACTAGACTGGAC 208
 Db 252 GTTAATAATGCACTTCAGCTCCAGCTTGTGCCCTGTGGTAGCTAACAGTGAA 311

Oy 209 ATATCCCCCCTCCAGGACGCCACACAGTATCATATTATCATTCAGCTTCCAGTA 268
 Db 312 TTTCCTCCCTCTAGAGGGGACCTGAGCACTTGTATTTCTACTACCATAGATCCCT 371

Oy 269 CCCAACACAGCAGGCCAATTGGCGATTGCGACTTGTGGATAATACAAGG 328
 Db 372 CCAAACCCATGAGTGGCGGGTTAACGNGCCGGTTAGGGATGGGATCTGACGGTA 431

Oy 329 GGATGCCATATAAGTATAAGCAACCCATTACATAAAGGACAAATGGGACATTGAGCTGTGC 388
 Db 432 CGATGCCCTCATCCCTCTCGGAAACTGACATTGACATACTGGACATACACCTGCCA 491

Oy 389 TGTGAGAAATCCCCAGATGT 409
 Db 492 GGTGAGAAACCCACCTGTGT 512

RESULT 12 US-09-990-444-388
 Sequence 388, Application US/09950444
 Publication No. US20020193300A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi J.
 APPLICANT: Baker, Kevin P.
 APPLICANT: Bottstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Kjavin, Ivar J.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILER REFERENCE: P2730P1C19
 CURRENT APPLICATION NUMBER: US/09/990,444
 CURRENT FILING DATE: 2001-11-14
 PRIOR APPLICATION NUMBER: 60/049787
 PRIOR FILING DATE: 1997-06-16
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1998-06-16

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; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
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; PRIOR FILING DATE: 1998-07-09

Query Match 6.9%; Score 67.4%; DB 9; Length 1371;
Best Local Similarity 53.6%; Pred. No. 3.4e-10;
Matches 140; Conservative 0; Mismatches 121; Indels 0; Gaps 0;

Qy 149 GTTGAANTGCACTTTCAAGTCACACTGCAAGGTACTATAGACTGGAC 208
Db 252 GTTAATAATGCACTTTCTCCAGCTTAACTATGCTAAGCTTAACTGACU"GGAA 311
Qy 209 ATATCGCCCTCCACGCCAGCACAGTATCATATTCATATTATCAGTCTTCAGCTTCCAGTA 268
Db 312 TTTCGTCCTCTAGGGGGACCTTGAGCAGTTGATTCATCTACACATAGATCCCCT 371
Qy 269 CCACACCACAGCAGCACATTTCGGGATCGGATTTCCTGGTGGAAATGTTACAAGG 328
Db 372 CCAAACCCATGAGTGGCGGTTTAAGGACCGGGTCTGGATGGAAATCTGACCGGTA 431
Qy 329 GGATGCATCTATACTATAGCAACCC"ACCATAAAGGCAATGGGACATTCAGCTGTGC 388
Db 432 CGATGCCTCCATCCCTCTCGGAAACTGAGTCACGATCGACAACTGGACATACACTGCCA 491
Qy 389 TGTGAGAAATCCCGAGATGT 409
Db 492 GGTGAGAAGAACCCACCTGTGT 512

RESULT 13
US-09-989-730-388
Sequence 388, Application US/09989730
Publication No. US20020197674A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Klijavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanahe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

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; APPLICANT: Zhang, Zemin Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC69
; CURRENT APPLICATION NUMBER: US/09-989,730
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
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PRIOR APPLICATION NUMBER: 60/090694
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; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 6.9%; Score 67.4; DB 9; Length 1371;
Best Local Similarity 53.6%; Pred. No. 3.4e-10;
Matches 140; Conservative 0; Mismatches 121; Indels 0; Gaps 0;

Qy .149 GTTGAATGCACTTCAGTCAACTCAGATGTCAGTCAAGCTTACATGACTGGAC 208
Db 252 GTTAAATGACTTCTCCAGCTTGTGCCCTTGCTAAGCTGACTGGAA 311

Qy 209 ATATGCCCTCCCAGCAGGCCAACAGTCAATTATCATATCATCTTTCACATA 268
Db 312 TTTCGCTCTAGAGGGGACCTGAGZAGTTGATCTACTACACATACTCCCT 371

Qy 269 CCCAACACAGCAGCACATTTCGGATCGGATTTCCTGGTTGGAAATGTATAAAC 328
Db 372 CCAACCCTGATGGGGTTAACGACCGGTTCTGGATGGAAATCTGAGGGTA 431

Qy 329 GGATGCATDATAAGTATAAGCAACCTACCAAGGACAATGGACATTGCTGTC 388
Db 432 CGATSCCTCCATCCCTCTGGAAACTGCACTGGACAATGGACATACTGCCA 491

Jy 389 TGTGAGAACCTCCGAGATG 409
Db 492 GGTGAAACCCACCTGATG 512

RESULT 14
US-09-990-436-388
; Sequence 388, Application US/0990436
; Publication No. US2002198148A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hans Peter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gradowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Klijavin, Ivar J.

APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Walnabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same
FILE REFERENCE: P2730P1C14

CURRENT APPLICATION NUMBER: US/09/990,436
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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PRIOR FILING DATE: 1998-06-10

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Query Match Score: 6.9%; Length: 1371;
Best Local Similarity: 53.6%; Pred. No. 3.4e-10;
Matches 140; Conservative 0; Mismatches 121; Indels 0; Gaps 0;

Qy 149 GTTGAATGCACTTCAGTCACACTCAGATGTCACTGAGAAGCTTACTATAGCTGGAC 208
Db 252 GTTAAATGCACTTCAGTCACACTCAGTTCCCGCTTGCGTGCCTGACATGACCTGGAA 311
Qy 209 ATATGCCCTCCAGGACCCACACAGTATAATTATTCAGTCCTTCAGTTCAGTTCAGTAA 268
Db 312 TTTCGTCCTAGAGGGSACCTGAGCAGTTTGTACTACCATAGATGCCCTG 371
Qy 269 CCCAACACAGGACACANTTCGGGATCGGATTCCTGGGTTGGAAATGATCAAAG 328
Db 372 CCAACCCATGAGTCGCCGTTAARGACCCGGTCTTGGGATGGCAATCTGACCGGTA 431
Qy 329 GGATGATCTATAAGATAAACCTACCATAAAGGAAATGGGACATTGAGTGTGTC 388
Db 432 CGATTCCTCCATCCCTCTGGAAACTGGACTGAGTCACGACAACTGAC 491
Qy 389 TGTGAAAATCCCCAGATGT 409
Db 492 GTGAAAGAACCCACCTGATGT 512

RESULT 15
US-09-991-181-388
; Sequence 388, Application US/09991181
; Publication No. US20197615A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.

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Job time : 138 secs

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; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      6.9%; Score 67.4; DB 9; Length 1371;
Best Local Similarity 53.6%; Pred. No. 3.4e-10; Mismatches 121; Indels 0; Gaps 0;
Matches 140; Conservative 0; Mismatches 121; Indels 0; Gaps 0;

Oy 149 GTGAAATGCACTTCAAGTCAGTCAACTTCAGATGTCACGTACAAGCTTACATAGACTGGAC 208
Db 252 GTTAAGAACGCACTTCTCCAGCTTGCCCTGGGATGCTACAGTACCTGAA 311
Oy 209 ATATCGCCCTCCAGCAGCACACATCAATTCATTATGCTTTCCAGTA 268
Db 312 TTTCGCTCTAGACGGGACATTGGGATGGATTTCCTGGGTGGAAATGTATACAGG 371
Oy 269 CCCAACACAGCAGGACATTGGGATGGAACTTACAGCTGTGC 328
Oy 372 CCAACCCATGAGTGGCGCTTAAGGACGGCTGTGGATGGAACTGGGATA 431
Db 329 GGATGCACTATAAGTATAAGCAACCTTACCATAAAGGACAATGGGACATTAGCTGTGC 388
Db 432 CGATGCCCTCCATGGAAACTSGACITGACCTGGGATGGACATACCTSCCA 491
Oy 3B9 TGTGAGAATCCCCGAGAT 409
Db 492 GGTGAAGAACCCACCTGTATGT 512

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CC graft rejection or graft-versus-host-disease.
 XX SQ Sequence 235 AA;
 Query Match 100.0%; Score 1220; DB 22; length 235;
 Best Local Similarity 100.0%; Pred. No. 9.7e-104;
 Matches 235; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MQORGAGSRSQCALPLLGVLFFQGQVIVSLEIRADAHYRGYVEKIKLKCTFSTSDV 60
 Db 1 MQORGAGSRSQCALPLLGVLFFQGQVIVSLEIRADAHYRGYVEKIKLKCTFSTSDV 60

QY 61 TDKLTIDWTVRPPSSHTVTSPHYOSFOYPTTACTFRDRISWVGAVYKGDAS1SISNPTI 120
 Db 61 TDKLTIDWTVRPPSSHTVTSPHYOSFOYPTTACTFRDRISWVGAVYKGDAS1SISNPTI 120

QY 61 KDNGTFSACAVKNPDPYHNIPMTE,TVTERGFTMLSSVALLSI,IVFVPASVYVLLVR 180
 Db 61 KDNGTFSACAVKNPDPYHNIPMTE,TVTERGFTMLSSVALLSI,IVFVPASVYVLLVR 180

QY 121 MGRKAAGLKKRSRGKKSIEVSDDDQEEBACMARLCVRCABLDSDYEETY 235
 Db 121 MGRKAAGLKKRSRGKKSIEVSDDDQEEBACMARLCVRCACELDSDYETY 235

QY 181 MGRKAAGLKKRSRGKKSIEVSDDDQEEBACMARLCVRCABLDSDYEETY 235
 Db 181 MGRKAAGLKKRSRGKKSIEVSDDDQEEBACMARLCVRCACELDSDYETY 235

RESULT 2
 AAB60121 ID AAB60121 standard; Protein: 235 AA.
 XX AC AAB60121:
 XX DT 28-MAR-2001 (first entry)
 Human transport protein TPPT-41.
 DE XX Human; transport protein; TPPT; transport disorder; metabolic disorder;
 KW XX neurological disorder; cardiovascular disorder; reproductive disorder;
 KW immune disorder; cancer.
 XX OS Homo sapiens.
 XX PN WO200078953-A2.
 XX PD 28-DEC-2000.
 XX PR 16-JUN-2000; 2000WO-US16668.
 XX PA (INCYT GENOMICS INC.
 XX PR 17-JUN-1999; 99US-0139923.
 XX PR 10-AUG-1999; 99US-0148177.
 XX PR 18-AUG-1999; 99US-0149357.
 XX PR 28-OCT-1999; 99US-0162287.
 XX DR WPI; 2001-041424/05.
 XX N-PSDB; AAF27741.

Isolated polypeptide with a human transport protein sequence is useful for the diagnosis, prevention and treatment of disorders associated with the immune, reproductive and cardiovascular systems -

Claim 2; Page 139-140; 165pp; English.

The present invention provides the protein and coding sequences for 43 novel human transport proteins (designated rPTPs). These can be used in the diagnosis and treatment of transport, metabolic, neurological, reproductive, cardiovascular and immune disorders, and cell proliferative disorders such as cancer.

Sequence 235 AA;

Query Match 100.0%; Score 1220; DB 22; Length 235;
 Best Local Similarity 100.0%; Pred. No. 97e-104;
 Matches 235; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 db 1 MOORGAAAGSRGCAFLPFLGVLFFQGYVIVFSLEIRADAHVRGYVGEKIKLKCTFKSTSVD 60

Qy 61 TDKLTIDWYTRPSSSSHTVSIHYQSQYPTTGTFRDRISWGNVKGDASISINPTI 120
 Db 61 TDKLTIDWYTRPSSSSHTVSIHYQSQYPTTGTFRDRISWGNVKGDASISINPTI 120

Qy 121 KDNGTFSCKAVKNPDVHNIPMELTYTERGFCTMISVALSILVFPVSAVVALLV 180
 Db 121 KDNGTFSCKAVKNPDVHNIPMELTYTERGFCTMISVALSILVFPVSAVVALLV 180

Qy 181 MGRKAAGLKKRSRSGYKSSIEVSDDTQEEEAACMARLCVRAECLSDYETTY 235
 Db 181 MGRKAAGLKKRSRSGYKSSIEVSDDTQEEEAACMARLCVRAECLSDYETTY 235

RESULT 3
 AAU83710 standard; Protein; 235 AA.
 XX
 AC AAU83710;
 XX DT 08-MAY-2002 (first entry)
 XX DE Human PRO protein, Seq ID No 238.
 XX KW Human; secreted protein; PRO: tumour; lung cancer; colon cancer;
 KW breast cancer; prostate tumour; rectal tumour; liver tumour;
 KW pericyte cell proliferation; chondrocyte cell proliferation;
 KW tumour necrosis factor-alpha.
 XX OS Homo sapiens.
 XX PN WO200202888-A2.
 XX PD 31-JAN-2002.
 XX PF 29-JUN-2001; 2001WO-US21066.
 PR 20-JUL-2000; 2000US-210556P.
 PR 25-JUL-2000; 2000US-220605P.
 PR 25-JUL-2000; 2000US-220607P.
 PR 25-JUL-2000; 2000US-220624P.
 PR 25-JUL-2000; 2000US-220638P.
 PR 15-SEP-2000; 2000US-00000P.
 PR 28-NOV-2000; 2000WO-0530873.
 PR 26-JUL-2000; 2000US-253646P.
 PR 28-JUL-2000; 2000US-220893P.
 PR 28-JUL-2000; 2000HO-US20710.
 PR 23-AUG-2000; 2000WO-US23522.
 PR 24-AUG-2000; 2000US-023328.
 PR 15-SEP-2000; 2000US-00000P.
 PR 28-NOV-2000; 2000WO-0530873.
 PR 01-DEC-2000; 2000HO-US325678.
 PR 20-DEC-2000; 2000US-0747259.
 PR 20-DEC-2000; 2000HO-US34956.
 PR 28-FEB-2001; 2001WO-US05520.
 PR 10-MAY-2001; 2001US-0854280.
 PR 25-MAY-2001; 2001WO-US17092.
 XX PA (GETH) GENENTECH INC.
 XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PU;
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
 XX DR DR N-PSDB; ABK33654.

XX PT One hundred and twenty two nucleic acids encoding PRO polypeptides,
 PT useful for treating a PRO related disorder and for diagnosing tumours
 PT such as lung cancer, colon cancer, breast tumour, prostate tumour, rectal
 tumour or liver tumour -

XX PS Claim 11; Figure 238; 359pp; English.

XX CC The invention relates to one hundred and twenty two nucleic acids
 CC encoding PRO polypeptides. The sequences of the 122 PRO polynucleotides
 CC encode human secreted proteins. The PRO nucleic acids, polypeptides
 CC agonists and antagonists are useful for treating a PRO related disorder.
 CC The PRO polypeptides are useful for diagnosing tumours, especially lung
 CC cancer, colon cancer, breast tumour, prostate tumour, rectal tumour or
 CC liver tumour. The PRO polypeptides are useful for stimulating the
 CC proliferation of, or gene expression, in pericyte cells, for stimulating
 CC the proliferation or differentiation of chondrocyte cells, for
 CC stimulating the release of tumour necrosis factor-alpha from human blood,
 CC fibroblast cells. The PRO polypeptide may also be used as molecular
 CC weight markers and for tissue typing. The PRO nucleic acids have
 CC applications in molecular biology, including use as hybridisation probes,
 CC and in chromosome and gene mapping. AU83532-AAU83713 represent human PRO
 CC protein sequences of the invention.

XX SQ Sequence 235 AA:

Query Match	100.0%	Score 1220;	DB 23;	Length 235;
Best-Local Similarity	100.0%	Pred. No. 9.7e-104;		
Matches	235;	Mismatches	0;	Gaps 0;
Db		Indels	0;	

Qy 1 MOORGAAAGSRGCAFLPFLGVLFFQGYVIVFSLEIRADAHVRGYVGEKIKLKCTFKSTSVD 60
 Db 1 MOORGAAAGSRGCAFLPFLGVLFFQGYVIVFSLEIRADAHVRGYVGEKIKLKCTFKSTSVD 60

Qy 61 TDKLTIDWYTRPSSSSHTVSIHYQSQYPTTGTFRDRISWGNVKGDASISINPTI 120
 Db 61 TDKLTIDWYTRPSSSSHTVSIHYQSQYPTTGTFRDRISWGNVKGDASISINPTI 120

Qy 121 KDNGTFSCKAVKNPDVHNIPMELTYTERGFCTMISVALSILVFPVSAVVALLV 180
 Db 121 KDNGTFSCKAVKNPDVHNIPMELTYTERGFCTMISVALSILVFPVSAVVALLV 180

Qy 181 MGRKAAGLKKRSRSGYKSSIEVSDDTQEEEAACMARLCVRAECLSDYETTY 235
 Db 181 MGRKAAGLKKRSRSGYKSSIEVSDDTQEEEAACMARLCVRAECLSDYETTY 235

RESULT 4
 ABB10323 standard; Protein; 183 AA.
 XX DE Human cDNA SEQ ID NO: 631.
 XX AC ABB10323;
 XX DT 10-JAN-2002 (first entry)
 XX KW Human; gene therapy; neural disorder; immune system disorder;
 KW muscular disorder; reproductive disorder; gastrointestinal disorder;
 KW pulmonary disorder; cardiovascular disorder; renal disorder;
 KW proliferative disorder; inflammation.
 XX OS Homo sapiens.
 XX PN WO200154474-A2.
 XX PD 02-AUG-2001.
 XX PF 17-JAN-2001; 2001WO-US01349.
 XX PR 31-JAN-2000; 2000US-179065P.

PR	04-FEB-2000;	2000US-180628P.	PR	02-OCT-2000;	2000US-237038P.
PR	24-FEB-2000;	2000US-184664P.	PR	02-OCT-2000;	2000US-237039P.
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PR	14-AUG-2000;	2000US-225268P.	PR	08-NOV-2000;	2000US-246527P.
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PR	22-AUG-2000;	2000US-226688P.	PR	17-NOV-2000;	2000US-249209P.
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PR	05-SEP-2000;	2000US-229509P.	PR	17-NOV-2000;	2000US-249216P.
PR	05-SEP-2000;	2000US-229513P.	PR	17-NOV-2000;	2000US-249217P.
PR	06-SEP-2000;	2000US-230437P.	PR	17-NOV-2000;	2000US-249218P.
PR	06-SEP-2000;	2000US-230438P.	PR	17-NOV-2000;	2000US-249219P.
PR	08-SEP-2000;	2000US-231242P.	PR	17-NOV-2000;	2000US-249245P.
PR	08-SEP-2000;	2000US-231945P.	PR	01-DEC-2000;	2000US-250160P.
PR	08-SEP-2000;	2000US-231244P.	PR	01-DEC-2000;	2000US-250391P.
PR	08-SEP-2000;	2000US-231413P.	PR	05-DEC-2000;	2000US-251030P.
PR	14-SEP-2000;	2000US-231414P.	PR	08-DEC-2000;	2000US-251869P.
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PR	14-SEP-2000;	2000US-232208P.	PR	08-DEC-2000;	2000US-251990P.
PR	14-SEP-2000;	2000US-232401P.	PR	11-DEC-2000;	2000US-254097P.
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PR	14-SEP-2000;	2000US-232398P.	PA	(HUMA-) HUMAN GENOME SCI INC.	
PR	14-SEP-2000;	2000US-233064P.	XX		
PR	14-SEP-2000;	2000US-233065P.	XX		
PR	21-SEP-2000;	2000US-234223P.	P1	Rosen CA, Barash SC, Ruben SM;	
PR	21-SEP-2000;	2000US-234274P.	XX		
PR	25-SEP-2000;	2000US-234997P.	XX		
PR	25-SEP-2000;	2000US-234998P.	DR	WP1: 2001-476161/51.	
PR	26-SEP-2000;	2000US-235484P.	DR	N-PSDB: ABA06545.	
PR	27-SEP-2000;	2000US-235834P.	XX	Isolated nucleic acid molecule encoding an inflammation-associated polypeptide is used in preventing, treating or ameliorating a medical condition	
PR	29-SEP-2000;	2000US-236327P.	XX		
PR	29-SEP-2000;	2000US-236367P.	XX		
PR	29-SEP-2000;	2000US-236368P.	XX		
PR	29-SEP-2000;	2000US-236369P.	PT		
PR	29-SEP-2000;	2000US-236370P.	PT		
PR	02-OCT-2000;	2000US-236802P.	PT		
PR	02-OCT-2000;	2000US-237037P.	PT		

XX Claim 11; SEQ ID NO: 631; 859PP + Sequence Listing; English.

PS PR 26-JUL-2000; 2000US-0220964.

XX PR 14-AUG-2000; 2000US-0224518.

CC PR 14-AUG-2000; 2000US-0224519.

CC PR 14-AUG-2000; 2000US-0225213.

CC PR 14-AUG-2000; 2000US-0225214.

CC PR 14-AUG-2000; 2000US-0225266.

CC PR 14-AUG-2000; 2000US-0225267.

CC PR 14-AUG-2000; 2000US-0225268.

XX PR 14-AUG-2000; 2000US-0225270.

XX PR 14-AUG-2000; 2000US-022547.

Query Match PR 14-AUG-2000; 2000US-0225757.

Best Local Similarity PR 14-AUG-2000; 2000US-0225758.

Matches 182; Conservative PR 14-AUG-2000; 2000US-0225759.

Mismatches 0; Indels 0; Gaps 0;

Oy 54 FKSTSVTDLTIDMTPRQSSHTVSIFHYOSTYPTTAGTFDRISWGNVYKGDASI 113 PR 22-AUG-2000; 2000US-0226866.

Db 2 FKSTSVTDLTIDMTPRQSSHTVSIFHYOSTYPTAGTFDRISWGNVYKGDASI 61 PR 22-AUG-2000; 2000US-0226279.

Oy 114 SISNPDKNDTFSCKAVNPDPVHINIPMFELTVTERGFTMLSSVALISLYFVPSAVV 173 PR 01-SEP-2000; 2000US-0229343.

Db 62 SISNPDKNDTFSCKAVNPDPVHINIPMFELTVTERGFTMLSSVALISLYFVPSAVV 121 PR 01-SEP-2000; 2000US-0229344.

Oy 174 VALLVYRMGRKAAGLKKRSRSGYKKSSIEVSDDTDOEEEFACMARLCYRCAECLSDYEE 233 PR 01-SEP-2000; 2000US-0229345.

Db 122 VALLVYRMGRKAAGLKKRSRSGYKKSSIEVSDDTDOEEEFACMARLCYRCAECLSDYEE 181 PR 05-SEP-2000; 2000US-0229513.

Oy 234 TY 235 PR 06-SEP-2000; 2000US-0230437.

Db 182 TY 183 PR 06-SEP-2000; 2000US-0230438.

Oy 234 TY 235 PR 08-SEP-2000; 2000US-0231242.

Db 182 TY 183 PR 08-SEP-2000; 2000US-0231244.

Oy 234 TY 235 PR 08-SEP-2000; 2000US-0231413.

Db 182 TY 183 PR 08-SEP-2000; 2000US-0231414.

Oy 234 TY 235 PR 08-SEP-2000; 2000US-0232800.

Db 182 TY 183 PR 08-SEP-2000; 2000US-0232801.

XX PR 12-SEP-2000; 2000US-0232397.

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XX PR 14-SEP-2000; 2000US-0232399.

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XX PR 14-SEP-2000; 2000US-0232401.

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XX PR 14-SEP-2000; 2000US-0233064.

KW PR 14-SEP-2000; 2000US-0233065.

KW PR 21-SEP-2000; 2000US-0234223.

KW PR 21-SEP-2000; 2000US-0234274.

KW PR 25-SEP-2000; 2000US-0234497.

KW PR 26-SEP-2000; 2000US-0234598.

KW PR 27-SEP-2000; 2000US-0235484.

KW PR 27-SEP-2000; 2000US-0235834.

KW PR 29-SEP-2000; 2000US-0236327.

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XX PR 29-SEP-2000; 2000US-0236369.

XX PR 29-SEP-2000; 2000US-0236370.

PR 02-OCT-2000; 2000US-0236802.

PR 02-OCT-2000; 2000US-0237038.

PR 02-OCT-2000; 2000US-0237039.

PR 02-OCT-2000; 2000US-0237040.

PR 13-OCT-2000; 2000US-0239335.

PR 13-OCT-2000; 2000US-0239837.

PR 20-OCT-2000; 2000US-0240960.

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PR 20-OCT-2000; 2000US-0241785.

PR 20-OCT-2000; 2000US-0241786.

PR 20-OCT-2000; 2000US-0241787.

PR 20-OCT-2000; 2000US-0241808.

PR 20-OCT-2000; 2000US-0241809.

PR 20-OCT-2000; 2000US-0241826.

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SO

Sequence

183 AA;

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2000US-0235484.

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2000US-0235834.

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 PR 20-OCT-2000; 2000US-241809P.
 PR 01-NOV-2000; 2000US-244617P.
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 PR 08-NOV-2000; 2000US-246528P.
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 PR 05-DEC-2000; 2000US-249297P.
 PR 05-DEC-2000; 2000US-250160P.
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 PR 05-JAN-2001; 2000US-259678P.
 PR WPI: 2001-476161/51.
 PR N-PSDB; ABA06727.

XX Claim 11; SEQ ID NO: 813; 85pp + Sequence Listing; English.
 XX The present invention provides human cDNAs, proteins and related genomic DNA. These can be used in the treatment of neural, immune system, muscular, reproductive, gastrointestinal, pulmonary, cardiovascular, renal and proliferative disorders and inflammation. The present sequence is a protein of the invention.

SQ Sequence 173 AA;

Query Match 55.5%; Score 677; DH 22; Length 173;
 Best Local Similarity 79.8%; Pred. No. 3-8e-54;
 Matches 138; Conservative 7; Mismatches 24; Indels 4; Gaps 2;
 PT 63 KLTIDWTYRPPSSHTVSIFHYQSFQYPTTAGTFRDRISWGNYKGDASISNSNPTIKD 122
 CC 5 RLDSPSQOQP--HSINF-SLVSQPHNRSHISGSDWGXNYKGDASISNSNPTIKD 60
 CC 123 NGTFSCAVKNPDPDVHNTPMTELTVTERGPMILSSVALSILVYFVPSAVVALLVRYMG 182
 CC 61 NGTFSCAXKNPDPDVHNTPMTELTVTERGPMILSSVALSILXFVPSAVVALLVRYMG 120
 DB

Oy	183	RKAAGLKKRSRSGYKKSIEVSDTDDQEEEACMARLCSRGAECCLSDYEETY	235
Db	121	RKAAGLKKRSRSGYKKSIEVSDTDDQEEEACMARLCSRGAECCLSDYEETY	173
RESULT 7			
ID	AAU18059	standard; Protein:	173 AA.
XX			
AC	AAU18059;		
XX			
DT	07-NOV-2001	(first entry)	
XX			
DE	Human immunoglobulin polypeptide SEQ ID No 204.		
XX			
KW	immunoglobulin; signal transduction pathway protein; cancer;		
KW	antisense therapy; gene therapy; neurological disorder; renal disorder;		
KW	cardiovascular disorder; gastrointestinal disorder; pulmonary disorder;		
KW	reproductive disorder; immune system disorder; proliferative disorder;		
W	muscular disorder.		
SJ	Homo sapiens.		
XX			
PN	W0200155315-A2.		
XX			
PD	02-AUG-2001.		
XX			
PF	17-JAN-2001;	2001WO-US01326.	
XX			
PR	31-JAN-2000;	2000US-0179065.	
PR	04-FEB-2000;	2000US-0180628.	
PR	02-MAR-2000;	2000US-0184664.	
PR	02-MAR-2000;	2000US-0186350.	
PR	16-MAR-2000;	2000US-0189874.	
PR	17-MAR-2000;	2000US-0190076.	
PR	18-APR-2000;	2000US-0198123.	
PR	19-MAY-2000;	2000US-0205515.	
PR	07-JUN-2000;	2000US-0209467.	
PR	28-JUN-2000;	2000US-0214886.	
PR	30-JUN-2000;	2000US-0215135.	
PR	07-JUL-2000;	2000US-0216647.	
PR	07-JUL-2000;	2000US-0216880.	
PR	11-JUL-2000;	2000US-0217487.	
PR	11-JUL-2000;	2000US-0217496.	
PR	14-JUL-2000;	2000US-0218290.	
PR	26-JUL-2000;	2000US-0220963.	
PR	14-AUG-2000;	2000US-0225267.	
R	14-AUG-2000;	2000US-0220964.	
PR	14-AUG-2000;	2000US-0224518.	
R	14-AUG-2000;	2000US-0224519.	
PR	14-AUG-2000;	2000US-0225213.	
PR	14-AUG-2000;	2000US-0225214.	
PR	14-AUG-2000;	2000US-0225266.	
PR	14-AUG-2000;	2000US-0225267.	
PR	14-AUG-2000;	2000US-0225268.	
PR	14-AUG-2000;	2000US-0225270.	
PR	22-AUG-2000;	2000US-0226681.	
PR	22-AUG-2000;	2000US-0226868.	
PR	22-AUG-2000;	2000US-0227182.	
PR	23-AUG-2000;	2000US-0225758.	
PR	14-AUG-2000;	2000US-0225759.	
PR	18-AUG-2000;	2000US-0226279.	
PR	01-SEP-2000;	2000US-0229287.	
PR	01-SEP-2000;	2000US-0229343.	
PR	01-SEP-2000;	2000US-0229344.	
PR	01-SEP-2000;	2000US-0229345.	
PR	05-SEP-2000;	2000US-0229509.	
PR	05-SEP-2000;	2000US-0229513.	
PR	06-SEP-2000;	2000US-0230437.	

PR	06-SEP-2000;	2000US-0230438.
PR	08-SEP-2000;	2000US-0231242.
PR	08-SEP-2000;	2000US-0231243.
PR	08-SEP-2000;	2000US-0231244.
PR	08-SEP-2000;	2000US-0231413.
PR	08-SEP-2000;	2000US-0231414.
PR	08-SEP-2000;	2000US-0232080.
PR	08-SEP-2000;	2000US-0232081.
PR	12-SEP-2000;	2000US-0231958.
PR	14-SEP-2000;	2000US-0232397.
PR	14-SEP-2000;	2000US-0232398.
PR	14-SEP-2000;	2000US-0232399.
PR	14-SEP-2000;	2000US-0232400.
PR	14-SEP-2000;	2000US-0233063.
PR	14-SEP-2000;	2000US-0233064.
PR	14-SEP-2000;	2000US-0233065.
PR	21-SEP-2000;	2000US-0234223.
PR	25-SEP-2000;	2000US-0234274.
PR	25-SEP-2000;	2000US-0234997.
PR	25-SEP-2000;	2000US-0235484.
PR	27-SEP-2000;	2000US-0235836.
PR	29-SEP-2000;	2000US-0236327.
PR	29-SEP-2000;	2000US-0236367.
PR	29-SEP-2000;	2000US-0236368.
PR	29-SEP-2000;	2000US-0236369.
PR	29-SEP-2000;	2000US-0236370.
PR	02-OCT-2000;	2000US-0236802.
PR	02-OCT-2000;	2000US-0237038.
PR	02-OCT-2000;	2000US-0237039.
PR	02-OCT-2000;	2000US-0237040.
PR	13-OCT-2000;	2000US-0239935.
PR	13-OCT-2000;	2000US-0239937.
PR	20-OCT-2000;	2000US-0240960.
PR	20-OCT-2000;	2000US-0241221.
PR	20-OCT-2000;	2000US-0241785.
PR	20-OCT-2000;	2000US-0241786.
PR	20-OCT-2000;	2000US-0241787.
PR	20-OCT-2000;	2000US-0241808.
PR	20-OCT-2000;	2000US-0241809.
PR	01-NOV-2000;	2000US-0241826.
PR	01-NOV-2000;	2000US-0241785.
PR	08-NOV-2000;	2000US-0246474.
PR	08-NOV-2000;	2000US-0246475.
PR	08-NOV-2000;	2000US-0246476.
PR	08-NOV-2000;	2000US-0246477.
PR	08-NOV-2000;	2000US-0246478.
PR	08-NOV-2000;	2000US-0246523.
PR	08-NOV-2000;	2000US-0246524.
PR	08-NOV-2000;	2000US-0246525.
PR	08-NOV-2000;	2000US-0246526.
PR	08-NOV-2000;	2000US-0246527.
PR	08-NOV-2000;	2000US-0246528.
PR	08-NOV-2000;	2000US-0246532.
PR	08-NOV-2000;	2000US-0246609.
PR	08-NOV-2000;	2000US-0246610.
PR	08-NOV-2000;	2000US-0246611.
PR	08-NOV-2000;	2000US-0246613.
PR	17-NOV-2000;	2000US-0249207.
PR	17-NOV-2000;	2000US-0249208.
PR	17-NOV-2000;	2000US-0249209.
PR	17-NOV-2000;	2000US-0249210.
PR	17-NOV-2000;	2000US-0249211.
PR	17-NOV-2000;	2000US-0249212.
PR	17-NOV-2000;	2000US-0249213.
PR	17-NOV-2000;	2000US-0249214.
PR	17-NOV-2000;	2000US-0249215.
PR	17-NOV-2000;	2000US-0249216.
PR	17-NOV-2000;	2000US-0249217.
PR	17-NOV-2000;	2000US-0249218.

RESULT 8 AAY11831 AAY11831 standard Protein: 96 %
RESULT 9 AAY11619 AAY11619 standard Protein: 70 %

XX AAY11619;
 AC XX
 DT 16-JUN-1999 (first entry)
 XX Human 5' EST secreted protein SEQ ID NO:271.
 DE Human; secreted protein; EST; expressed sequence tag; diagnosis;
 KW Human; gene therapy; chromosome mapping; signal peptide;
 KW upstream regulatory sequence; Cytokine activity; cell proliferation;
 KW differentiation; haematoopoiesis regulation; tissue growth regulation;
 KW reproductive hormone regulation; chemotactic; chemokinetic; haemostatic;
 KW thrombolytic; anti-inflammatory; tumour inhibition.
 XX Homo sapiens.
 OS Homo sapiens.
 XX WO906439-A2.
 PN XX
 PR 01-AUG-1997; 97US-0904468.
 XX (GEST) GENSET.
 PA
 P1 Ducleit A, Dumas Milne Edwards J, Lacroix B;
 XX WPI; 1999-153700/13.
 DR N-PSDB; AAX43337.
 XX New nucleic acids encoding human secreted proteins - obtained from
 PT cDNA libraries derived from liver, lung, large intestine, colon,
 PT thyroid and pancreas tissue
 XX Claim 27; Page 360; 390pp; English.
 PS
 XX AAX40251 to AAX40397 represent 5' expressed sequence tags (ESTs) for
 CC human secreted protein, and encode the proteins given in AAY11533 to
 CC AAY11679, respectively. The proteins given represent the signal peptide
 CC and an N-terminal fragment of a secreted protein. The nucleic acid
 CC sequences can be used for producing secreted human gene products. They
 CC can also be used to develop products for diagnosis and therapy. The
 CC proteins obtained may have cytokine activity, cell
 CC proliferation/differentiation activity, hematopoiesis regulating
 CC activity, tissue growth regulating activity, reproductive hormone
 CC regulating activity, chemotactic/chemokinetic activity, haemostatic and
 CC thrombolytic activity, receptor/ligand activity, anti-inflammatory
 CC activity, tumour inhibition activity or other activities. The products
 CC can be used in forensic, gene therapy and chromosome mapping procedures.
 CC The sequences can also be used for obtaining corresponding promoter
 CC sequences. The nucleic acids encoding the signal peptide can be used for
 CC directing extracellular secretion of a polypeptide or the insertion of a
 CC polypeptide into a membrane, or importing a polypeptide into a cell.
 XX Sequence 70 AA;
 Query Match 29.3%; Score 358; DB 20; Length 70;
 Best Local Similarity 100.0%; Pred. No. 2e-25;
 Matches 69; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 MOORGAAAGSRGCAALFPLLGCVLFFQGVYIVFSLEIRADAHVRGVGEKTKLKCTFKSTSVD 60
 Db 1 MOORGAAAGSRGCAALFPLLGCVLFFQGVYIVFSLEIRADAHVRGVGEKTKLKCTFKSTSVD 60
 Qy 61 TDKLTDWT 69
 Db 61 TDKLTDWT 69
 SQ Sequence 258 AA;
 Query Match 22.3%; Score 272; DB 23; Length 258;
 Best Local Similarity 34.3%; Pred. No. 8.3e-17;
 Matches 69; Conservative 32; Mismatches 76; Indels 24; Gaps 6;
 RESULT 10
 AAM52696 standard; Protein; 258 AA.
 ID AAM52696

given in the present invention.

XX WO9732598-A2.
 PN XX
 XX PD 12-SEP-1997.
 XX PR 28-FEB-1997; 97WO-EPO10003.
 XX PR 12-MAR-1996; 96GB-0005229.
 PR 04-MAR-1996; 96GB-0004595.
 XX PA (SMIK) SMITHKLINE BEECHAM BIOLOGICALS.
 PA (UYLO -) UNIV CATHOLIQUE LOUVAIN.
 XX PA Gersdorff M, Rousseau G, Thomasi J;
 XX P1 WPI: 1997-457315/42.
 XX DR
 XX PT Using major myelin protein zero in vaccines for auto-immune inner
 PT ear disease - e.g. sensorineural hearing loss, sudden deafness
 PT associated with Meniere's disease and especially to treat
 PT associated deafness, and diagnostic methods
 PT

PS
XX The present invention describes the use of major myelin protein zero (PO) in a vaccine. Certain inner ear diseases, e.g. sensorineural hearing loss, sudden deafness, otosclerosis and Meniere's disease, appear to be of autoimmune origin and a 30 kDa protein present in guinea pig inner ear is known to be recognised by autoantibodies in sera from patients with inner ear disease. The identification of this protein as PO indicates that PO may be an important auto-antigen in the pathogenesis of autoimmune disease and may be useful for diagnosis, treatment or prevention of autoimmune inner ear disease. A vaccine can be produced combining PO with a pharmaceutically acceptable carrier, particularly for the treatment of autoimmune inner ear disease and associated deafness. PO can be used to provide immunoassays and kits for detecting antibodies directed against PO antigen, by contacting a biological sample with a polypeptide comprising an antigenic determinant of PO under suitable conditions and detecting antibody antigen complexes. It can also be used to produce such polypeptide attached to a solid substrate. The present sequence represents mouse PO protein precursor.

RESULT 14
 AAY66752 standard; protein, 215 AA.
 ID AAY66752;
 XX
 AC AAY66752;
 XX
 DT 05-APR-2000 (first entry)
 XX DE Membrane-bound protein PRO1192.
 XX PW W0996-088-A2.
 XX PD 09-DEC-1999.
 XX PR 02-JUN-1999; 99WO-US12252.
 XX PR 02-JUN-1998; 98US-0087607.
 XX PR 02-JUN-1998; 98US-0087609.
 XX PR 02-JUN-1998; 98US-0087759.
 XX PR 02-JUN-1998; 98US-0087827.
 XX PR 04-JUN-1998; 98US-0088021.
 XX PR 04-JUN-1998; 98US-0088025.
 XX PR 04-JUN-1998; 98US-0088028.
 XX PR 04-JUN-1998; 98US-0088029.
 XX PR 04-JUN-1998; 98US-0088030.
 XX PR 04-JUN-1998; 98US-0088033.
 XX PR 04-JUN-1998; 98US-0088032.
 XX PR 04-JUN-1998; 98US-0088326.
 XX PR 05-JUN-1998; 98US-0088167.
 XX PR 05-JUN-1998; 98US-0088202.
 XX PR 05-JUN-1998; 98US-0088212.
 XX PR 05-JUN-1998; 98US-0088217.
 XX PR 09-JUN-1998; 98US-0088655.
 XX PR 10-JUN-1998; 98US-0088722.
 XX PR 10-JUN-1998; 98US-0088730.
 XX PR 10-JUN-1998; 98US-0088734.
 XX PR 10-JUN-1998; 98US-0088738.
 XX PR 10-JUN-1998; 98US-0088740.
 XX PR 10-JUN-1998; 98US-0088741.
 XX PR 10-JUN-1998; 98US-0088742.
 XX PR 10-JUN-1998; 98US-0088810.
 XX PR 11-JUN-1998; 98US-0088811.
 XX PR 11-JUN-1998; 98US-0088863.
 XX PR 11-JUN-1998; 98US-0088865.
 XX PR 12-JUN-1998; 98US-0088825.
 XX PR 10-JUN-1998; 98US-0088826.
 XX PR 11-JUN-1998; 98US-0088856.
 XX PR 11-JUN-1998; 98US-0088861.
 XX PR 16-JUN-1998; 98US-0089512.
 XX PR 16-JUN-1998; 98US-0089514.
 XX PR 17-JUN-1998; 98US-0089532.
 XX PR 17-JUN-1998; 98US-0089538.
 XX PR 17-JUN-1998; 98US-0089590.
 XX PR 17-JUN-1998; 98US-0089599.
 XX PR 17-JUN-1998; 98US-0089599.
 XX PR 17-JUN-1998; 98US-0089600.
 XX PR 17-JUN-1998; 98US-0089653.
 XX PR 18-JUN-1998; 98US-0089801.
 XX PR 18-JUN-1998; 98US-0089907.
 XX PR 18-JUN-1998; 98US-0089908.
 XX PR 19-JUN-1998; 98US-0089948.
 XX PR 19-JUN-1998; 98US-0089952.
 XX PR 22-JUN-1998; 98US-0090246.
 XX PR 22-JUN-1998; 98US-0090254.
 XX PR 22-JUN-1998; 98US-0090349.
 XX PR 23-JUN-1998; 98US-0090355.
 XX PR 24-JUN-1998; 98US-0090429.
 XX PR 24-JUN-1998; 98US-0090431.
 XX PR 24-JUN-1998; 98US-0090435.
 XX PR 24-JUN-1998; 98US-0090444.
 XX PR 24-JUN-1998; 98US-0090445.
 XX PR 24-JUN-1998; 98US-0090461.
 XX PR 24-JUN-1998; 98US-0090472.
 XX PR 24-JUN-1998; 98US-0090525.
 XX PR 24-JUN-1998; 98US-0090538.
 XX PR 24-JUN-1998; 98US-0090540.
 XX PR 24-JUN-1998; 98US-0090551.
 XX PR 25-JUN-1998; 98US-0090676.
 XX PR 25-JUN-1998; 98US-0090678.
 XX PR 25-JUN-1998; 98US-0090688.
 XX PR 25-JUN-1998; 98US-0090690.
 XX PR 25-JUN-1998; 98US-0090691.
 XX PR 25-JUN-1998; 98US-0090692.
 XX PR 25-JUN-1998; 98US-0090694.
 XX PR 25-JUN-1998; 98US-0090695.
 XX PR 25-JUN-1998; 98US-0090696.
 XX PR 26-JUN-1998; 98US-0090862.
 XX PR 01-JUL-1998; 98US-0091358.
 XX PR 01-JUL-1998; 98US-0091360.
 XX PR 01-JUL-1998; 98US-0091544.
 XX PR 02-JUL-1998; 98US-0091478.
 XX PR 02-JUL-1998; 98US-0091486.
 XX PR 02-JUL-1998; 98US-0091519.
 XX PR 02-JUL-1998; 98US-0091626.
 XX PR 02-JUL-1998; 98US-0091628.
 XX PR 02-JUL-1998; 98US-0091633.
 XX PR 02-JUL-1998; 98US-0091646.
 XX PR 02-JUL-1998; 98US-0091673.
 XX PR 07-JUL-1998; 98US-0091978.
 XX PR 07-JUL-1998; 98US-0091982.
 XX PR 09-JUL-1998; 98US-0091982.
 XX PR 10-JUL-1998; 98US-0092472.
 XX PR 20-JUL-1998; 98US-0093319.
 XX PR 30-JUL-1998; 98US-0094651.
 XX PR 04-AUG-1998; 98US-0095285.
 XX PR 04-AUG-1998; 98US-0095301.
 XX PR 04-AUG-1998; 98US-0095302.
 XX PR 04-AUG-1998; 98US-0095318.
 XX PR 04-AUG-1998; 98US-0095321.
 XX PR 04-AUG-1998; 98US-0095325.
 XX PR 10-AUG-1998; 98US-0095916.
 XX PR 10-AUG-1998; 98US-0095929.
 XX PR 10-AUG-1998; 98US-0096012.
 XX PR 11-AUG-1998; 98US-0096143.
 XX PR 11-AUG-1998; 98US-0096166.
 XX PR 12-AUG-1998; 98US-0096329.
 XX PR 17-AUG-1998; 98US-0096757.
 XX PR 17-AUG-1998; 98US-0096766.
 XX PR 17-AUG-1998; 98US-0096768.
 XX PR 17-AUG-1998; 98US-0096897.
 XX PR 17-AUG-1998; 98US-0096791.
 XX PR 18-AUG-1998; 98US-0096867.
 XX PR 18-AUG-1998; 98US-0096891.
 XX PR 18-AUG-1998; 98US-0096950.
 XX PR 18-AUG-1998; 98US-0096959.
 XX PR 18-AUG-1998; 98US-0097022.
 XX PR 19-AUG-1998; 98US-0097141.
 XX PR 20-AUG-1998; 98US-0097218.
 XX PR 22-AUG-1998; 98US-0097661.
 XX PR 26-AUG-1998; 98US-0097951.

PR 26-AUG-1998; 98US-0097952.
 PR 26-AUG-1998; 98US-0097954.
 PR 26-AUG-1998; 98US-0097955.
 PR 26-AUG-1998; 98US-0097971.
 PR 26-AUG-1998; 98US-0097974.
 PR 26-AUG-1998; 98US-0097978.
 PR 26-AUG-1998; 98US-0097979.
 PR 26-AUG-1998; 98US-0097986.
 PR 31-AUG-1998; 98US-0098014.
 PR 16-SEP-1998; 98US-0098525.
 PR 12-JAN-1999; 99US-0115563.
 XX
 PA (GETH) GENENTECH INC.
 XX
 PI Baker K, Chen J, Goddard A, Gurney AL, Smith V, Watanabe CK;
 PI Wood WI, Yuan J;
 XX
 DR WPI1: 2000-072883/06.
 ? N-PSDB: AAZ65098.
 XX
 Membrane-bound proteins and related nucleotide sequences
 XX
 claim 12; Fig 280; 822pp; English.
 XX
 CC The invention provides membrane-bound PRO polypeptides and
 CC polynucleotides encoding them. The PRO sequences of the invention were
 CC identified based on extracellular domain homology screening. The PRO
 CC sequences have homology with proteins including LDL receptors, TIE
 CC ligands and various enzymes. The membrane-bound proteins and receptor
 CC molecules are useful as pharmaceutical and diagnostic agents. Receptor
 CC immunoadhesins, for instance, can be used as therapeutic agents to block
 CC receptor-ligand interactions. The membrane-bound proteins can also be
 CC employed for screening of potential peptide or small molecule inhibitors
 CC of the relevant receptor/ligand interaction. The PRO encoding sequences
 CC are useful as hybridization probes, in chromosome and gene mapping and in
 CC the generation of antisense RNA and DNA. PRO nucleic acid sequences
 CC will also be useful for the preparation of PRO polypeptides, especially
 CC by recombinant techniques.
 XX
 Sequence 215 AA:
 Query Match Score 19.6%; Length 215;
 Best Local Similarity 30.5%; Pred. No. 6.2e-14;
 Matches 66; Conservative 33; Mismatches 93; Indels 29; Gaps 6;
 Qy 5 GAAGSGCGCALPFLPGVLFQGVYIVSLEIIRADAHVRGYVGKIKLKCTFKSTSVDYTKL 64
 3 GKSSTR-AVLLLGIQ-LTALWIAAEVLYTSLRLEVANGTDARLKCTFSSAPVGAL 59
 Qy 65 TIDTYWPPSSHTVSIHYQSOYPTAGTFDRISWVNGVYKGDASISISHPTIKNG 124
 60 TVTNFRPLDGGPEQFVYHIDFPQSPGRFDRVSDGPNPERYDASTLLWKLQFDNG 119
 Qy 125 TFSCAVKNPPDVH-----HNIPMTLTVTERGTMUSSVALLSILVFVPSAVV 173
 Db 120 TYTCOKNPDPDVIGEIRLSVYHVTPLAIG--SACALMIVI---VV 172
 Qy 174 VALLVLRMRKAAGL-----KKRSRSGYKKSIEVSDDTD 208
 Db 173 VLFOHYRKKRAERAHKKVEIKSKKEERLNQEKKVSVYLEDTD 215
 RESULT 15
 AAU12415 ID AAU12415 standard; Protein: 215 AA.
 XX
 AC AAU12415;
 DT 24-OCT-2001 (first entry)
 XX
 DE Human PRO1192 polypeptide sequence.
 XX

Human secretory and transmembrane; PRO; mammalian; cancer; lung;
 breast; prostate; cervical; tumour necrosis factor-alpha; TNF-alpha;
 cartilage; ear; proliferation; glucose; free fatty acid; skeletal muscle;
 adipocyte; A-peptide; Factor VIIa; gene therapy.
 Homo sapiens.
 OS XX
 PN WO20140466-A2.
 PD 07-JUN-2001.
 XX
 PF 01-DEC-2000; 2000W0-US32678.
 XX
 PR 01-DEC-1999; 99W0-US28301.
 PR 01-DEC-1999; 99W0-US28634.
 PR 02-DEC-1999; 99W0-US28551.
 PR 02-DEC-1999; 99W0-US28564.
 PR 09-DEC-1999; 99W0-US28565.
 PR 09-DEC-1999; 9901S-0170262.
 PR 16-DEC-1999; 9901S-030095.
 PR 20-DEC-1999; 9901S-030911.
 PR 20-DEC-1999; 99W0-US0999.
 PR 30-DEC-1999; 99W0-US31243.
 PR 06-JAN-2000; 2000W0-US00277.
 PR 11-FEB-2000; 2000W0-US03765.
 PR 11-FEB-2000; 2000W0-US03434.
 PR 18-FEB-2000; 2000W0-US04342.
 PR 22-FEB-2000; 2000W0-US04414.
 PR 24-FEB-2000; 2000W0-US05004.
 PR 01-MAR-2000; 2000W0-US05601.
 PR 20-MAR-2000; 2000W0-US07377.
 PR 21-MAR-2000; 2000W0-US07532.
 PR 30-MAR-2000; 2000W0-US08439.
 PR 17-MAY-2000; 2000W0-US13705.
 PR 22-MAY-2000; 2000W0-US14042.
 PR 30-MAY-2000; 2000W0-US14941.
 PR 02-JUN-2000; 2000W0-US15264.
 PR 10-NOV-2000; 2000W0-US30873.
 XX
 PA (GETH) GENENTECH INC.
 XX
 Baker KP, Beresini M, Deforge L, Desnoyers L, Filivaroff E, Gao W;
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 WPI: 2001-408281/43.
 N-PSDB; AAS21487.
 XX
 Isolated, secretory and transmembrane PRO polypeptide used to detect
 other PRO polypeptides, link bioactive molecules to cells expressing
 PRO polypeptides, to modulate biological activities of cells expressing
 PRO polypeptides, and to detect the presence of mammalian lung, colon,
 breast, prostate, rectal, cervical or liver tumours by comparing PRO
 polypeptide expression in a cell sample to that in a control sample.
 Some of the 275 sequences are also useful to stimulate the release of
 tumour necrosis factor-alpha (TNF-alpha) from human blood, the
 proliferation or differentiation of chondrocytes, the proliferation or
 gene expression in pericyte cells, the release of proteoglycans from
 cartilage, the proliferation of inner ear utricular supporting cells or
 of T-lymphocytes, the release of a cytokine from peripheral blood
 monocytes (PBMCs), or the proliferation of endothelial cells. Some of
 the PRO polypeptides may modulate glucose or free fatty acid uptake by
 skeletal muscle cells or by adipocytes; or inhibit binding of A-peptide

No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Result No.	Score	Query			DB	ID	Description
		Match	Length	ID			
1	970	100.0	970	22	AAF27741		Human trans-CDNA encod.
2	969	99.9	983	22	ABD29355		Human PRO74
3	969	99.9	983	24	ABK33654		Human immun
4	808.8	83.4	4047	22	AAS28755		Human CDNA
5	805.2	83.0	3802	22	ABA06545		Human immun
6	665.2	68.6	836	22	ABA06737		Human secret
7	665.2	68.6	836	22	AAS28847		Human immun
8	209.2	29.8	342	20	AAX0533		Human secret
9	209.4	21.6	316	20	AAX40372		Human secret

Homo sapiens:

20000780552-1

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228 - DEC - 2000.

16-JUN-2000; 2000WO-US16668.

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1 AUG - 1953

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INCYTE GENOMICS INC.

Jai P, Yang J, Yue H, Hillman JL, Tang YT, Bandman O, Burford N;

Baughn MR, Azimzai Y, Lu DAM, Au-Young J, Patterson C;

ALIGNMENT

RESULT¹
AAF27741
ID AAF27741 standard; CDNA: 970 BP.
XX
AC
AAF27741:
XX
DT
XX
DE
Human transport protein TPPT-41 coding sequence.
28-MAR-2001 (first entry)

human transport protein; TPPR; transport disorder; metabolic disorder; neuroimmune disorder; cardiovascular disorder; reproductive disorder; immune disorder; cancer; ss.

MATERIALS.

PN	WO2000/8953-AZ.
XX	28-DEC-2000.
PD	
XX	
PF	16-JUN-2000; 2000WO-US166668.
XX	
PR	17-JUN-1999; 99US-0139923;
PR	10-AUG-1999; 99US-0148177;
PR	18-AUG-1999; 99US-0149357;
PR	28-OCT-1999; 99US-0162287.
XX	
PA	(INCY -) INCYTE GENOMICS INC.
XX	
PI	Lai P, Yang J, Yue H, Hil
PI	Baughn MR, Azimzai Y, Lu D
PI	

DR	WPI: 2001-041424/05.	Qy	781 CTGTCAGAGAAAGTGGAGCTGGCTGGGATGGACATAGGATGGCAACATGGAGATCATCAG 840
DR	P-PSDB; AAB60121.	Db	781 CTGTCAGAGAAAGTGGAGCTGGCTGGGATGGACATAGGATGGCAACATGGAGATCATCAG 840
PT	Isolated polypeptide with a human transport protein sequence is useful for the diagnosis, prevention and treatment of disorders associated with the immune, reproductive and cardiovascular systems -	Qy	841 TAAAGACTTTAGAACACPTTATATTGATAAATGTTCTGTGTTATTAACGT 900
PT		Db	841 TAAAGACTTTAGAACACPTTATATTGATAAATGTTCTGTGTTATTAACGT 900
XX			
PS	Claim 5; Page 165; 165pp; English.	Qy	901 TCAGGAGAGTCATAGAGACTCATGACTCTCCCTTCATGAATTATGCTGTGTTATTTGAA 960
XX		Db	901 TCAGGAGAGTCATAGAGACTCATGACTCTCCCTTCATGAATTATGCTGTGTTATTTGAA 960
CC	The present invention provides the protein and coding sequences for 43 novel human transport proteins (designated rPPTs). These can be used in the diagnosis and treatment of transport, metabolic, neurological, reproductive, cardiovascular and immune disorders, and cell proliferative disorders such as cancer.	Qy	961 TGAAGAAAMC 970
CC		Db	961 TGAAGAAATC 970
CC	Sequence 970 BP; 261 A; 209 C; 243 G; 257 T; 0 other;		
CC			
SO			
Query	Match 100.0%; Score 970; DB 22; Length 970;	RESULT 2	
Best Local Similarity 100.0%; Pred. No. 1.3e-295;	Mismatches 0; Indels 0; Gaps 0;	AAD02925 standard; CDNA: 983 BP.	
Matches 970; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		ID AAD02925; AC AAD02925; DT 31-MAY-2001 (first entry)	
		XX	
Qy	1 GGATCGAGCAGAGAGGAGCTGGAAAGCCGGCTGCCTCTCCCTCTGTGGCG 60	XX	
Db	1 GGATCGAGCAGAGAGGAGCTGGAAAGCGCTGTGGCTCTCTGTGGCG 60	XX	
Qy	61 TCCCTGTTCTCCAGGGTGTCTTTATCGCTTCTTCTCTGGAGATCTGTGAGGCCATG 120	XX	
Db	61 TCCCTGTTCTCCAGGGTGTCTTTATCGCTTCTCTGGAGATCTGTGAGGCCATG 120	XX	
Qy	121 TCCGAGGTATATGTTGGAGAAAGTCAAGTGAATGCACTTCAAGTCACGTAG 180	XX	
Db	121 TCCGAGGTATATGTTGGAGAAAGTCAAGTGAATGCACTTCAAGTCACGTAG 180	XX	
Qy	181 TCACTGACAGCTTACTATGACTTGACATATGCCCTCCAGAGACCCACAGTAT 240	XX	
Db	181 TCACTGACAGCTTACTATGACTTGACATATGCCCTCCAGAGACCCACAGTAT 240	XX	
Qy	241 CAATATTCAATTATCGCTTCCAGTACCGAACACAGGGCACATTGGGATCGGA 300	XX	
Db	241 CAATATTCAATTATCGCTTCCAGTACCGAACACAGGGCACATTGGGATCGGA 300	XX	
Qy	301 TTCCCTGGTTGGAAATGTATACAAAGGGATGCTATATAAGTAAGCAACCCCTACCA 360	XX	
Db	301 TTCCCTGGTTGGAAATGTATACAAAGGGATGCTATATAAGTAAGCAACCCCTACCA 360	XX	
Qy	361 TAARGACATGGGACATCAGCTGCTGCTGCTGAGAACTCCCAGATGGCACCATATA 420	XX	
Db	361 TAAGGACATGGGACATCAGCTGCTGCTGAGAACTCCCAGATGGCACCATATA 420	XX	
.Y	421 TTCCCATGACAGGTACAGTCAAGTCAAGTCAAGAAAGGGTTTCGACCATGCCCTCTGCG 480	XX	
Db	421 TTCCCATGACAGGTACAGTCAAGTCAAGAAAGGGTTTCGACCATGCCCTCTGCG 480	XX	
Qy	481 CCCTCTTCCATCCTTGTCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 540	XX	
Db	481 CCCTCTTCCATCCTTGTCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 540	XX	
Qy	541 GAATGGGAGGAAGCTGCTGGCTGAAGAAGAGGAGCTGGCTATAAGAGCTAT 600	PR 31-AUG-1999; 99US-0151733.	
Db	541 GAATGGGAGGAAGCTGCTGGCTGAAGAAGGGACAGGTCTGGCTATAAGAGCTAT 600	PR 01-MAR-2000; 2000W0-US05601.	
Qy	601 CTATGGGTTCGGATGACACTGACAGGAGGAGGAGGAGGAGGAGGAGGAGGCTT 660	PR 30-MAR-2000; 2000W0-US08439.	
Db	601 CTATGGGTTCGGATGACACTGACAGGAGGAGGAGGAGGAGGAGGAGGAGGCTT 660	PR 17-MAY-2000; 2000W0-US13705.	
Qy	661 GTGTCGGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 720	PR 22-MAY-2000; 2000W0-US14042.	
Db	661 GTGTCGGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 720	PR 30-MAY-2000; 2000W0-US14941.	
Qy	721 TATGACACAAGAGTACCTAAGACAGGAACATCCATTCCACTGGCAGCTAAGGC 780	PR 05-JUN-2000; 2000W0-US209832.	
Db	721 TATGACACAAGAGTACCTAAGACAGGAACATCCATTCCACTGGCAGCTAAGGC 780	XX	
		XX	
		PA (GEPH) GENENTECH INC.	
		PI Goddard A, Godowski PJ, Gurney AL, Hillen KJ, Iunias D;	
		PI Watanabe CK, Wood WI;	
		DR WPI: 2001-226690/23.	
		DR P-PSDB; AAY72879.	

PT New PRO polypeptides for treating immune related and inflammatory diseases such as rheumatoid arthritis, systemic vasculitis, asthma, autoimmune hemolytic anemia, and diabetes mellitus.

XX

PS **Claim 2:** Fig 11; 118pp; English.

CC The present sequence is a cDNA (DNA108792-2753 clone) encoding PRO7425 protein. PRO protein, its agonist or antagonist or its antibody which are capable of enhancing or inhibiting the proliferation of T-lymphocytes or of increasing the infiltration of inflammatory cells into a tissue are useful in the diagnosis and treatment of immune-related diseases in mammals. The PRO protein is useful for treating systemic lupus erythematosus, rheumatoid arthritis, osteoarthritis, juvenile chronic arthritis, spondyloarthropathy, systemic sclerosis, idiopathic inflammatory myopathy, Sjogren's syndrome, systemic vasculitis, sarcoidosis, autoimmune hemolytic anaemia, autoimmune thrombocytopenia, thyroiditis, diabetes mellitus, immune mediated renal disease, demyelinating disease of the central or peripheral nervous system, idiopathic demyelinating polyneuropathy, Guillain-Barre syndrome, chronic inflammatory demyelinating polyneuropathy, hepatobiliary disease, infectious or autoimmune chronic active hepatitis, primary biliary cirrhosis, granulomatous hepatitis, sclerosing cholangitis, inflammatory bowel disease, gluten-sensitive enteropathy, Whipple's disease, autoimmune or immune-mediated skin diseases such as bullous skin disease, erythema multiforme and contact dermatitis, psoriasis, allergic diseases such as asthma, allergic rhinitis, atopic dermatitis, food hypersensitivity and urticaria, immunologic diseases of the lung such as eosinophilic pneumonia, idiopathic pulmonary fibrosis, hypersensitivity pneumonitis, transplantation associated diseases such as graft rejection or graft-versus-host-disease.

XX Sequence 983 BP; 263 A; 212 C; 245 G; 263 T; 0 other;

Query Match 99.9%; Score 969; DB 22; Length 983;

Best Local Similarity 100.0%; Pid. No. 2.6e-295; Matches 969; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GGATGCAGCAGAGGACAGTGGAAAGCCGTTGCCGTCCTCGCGGGCG 60
 Db 1 GGATGCAGCAGAGGACAGTGGAAAGCCGTTGCCGTCCTCGCGGGCG 60
 Qy 61 TCCTGTCTTCCAGGGTGTATACTCTCTTCTGGAGATCTGCAATGCCATG 120
 Db 61 TCCTGTCTTCCAGGGTGTATACTCTCTTCTGGAGATCTGCAATGCCATG 120
 Qy 121 TCCGAGCTTATCTTGAGAAAAGATAAAGTGAATGCAACTTCAGATG 180
 Db 121 TCCGAGCTTATCTTGAGAAAAGATAAAGTGAATGCAACTTCAGATG 180
 Qy 181 TCACTGACAAGCTTACTTAGCTGACATATGCCCTCCAGCACAGCTAT 240
 Db 181 TCACTGACAAGCTTACTTAGCTGACATATGCCCTCCAGCACAGCTAT 240
 Qy 241 CAATATTCATATCATGCTTCCAGTACCAACACAGCAGGACATTTGGGATCGGA 300
 Db 241 CAATATTCATATCATGCTTCCAGTACCAACACAGCAGGACATTTGGGATCGGA 300
 Qy 301 TTTCCTCGCTTCTGAAATGATATCAAAAGGGATGCACTTATAAGTAAGAACCTTACCA 360
 Db 301 TTTCCTCGGTGAAATGATATCAAAAGGGATGCACTTATAAGTAAGAACCTTACCA 360
 Qy 361 TAAGGACATGGACATTCAGCTGCTGTAAGAACCTCCAGATGTGACCATATA 420
 Db 361 TAAGGACATGGACATTCAGCTGCTGTAAGAACCTCCAGATGTGACCATATA 420
 Qy 421 TTCCATGACAGAGCTAACAGTCACAGAAGGGTTTGGACCACATCTCTGTGG 480
 Db 421 TTCCATGACAGAGCTAACAGTCACAGAAGGGTTTGGACCACATCTCTGTGG 480
 Qy 481 CCCTCTTCCATCTCTGTCGCTCAGCCCTGGCTGCTGCTGCTGCTG 540
 Db 481 CCCTCTTCCATCTCTGTCGCTCAGCCCTGGCTGCTGCTGCTGCTGCTG 540

Oy 541 GAATGGGAGGAGGGCTGCTGGCTGAGAAGGGACAGGCTGGCTATAGAAGTCA 600
 Db 541 GAATGGGAGGAGGGCTGCTGGCTGAGAAGGGACAGGCTGGCTATAGAAGTCA 600
 Oy 601 CTATTGAGGTTCGGATGACACTGTCAGGGAGGGCTGACTGGCAGCCTT 660
 Db 601 CTATTGAGGTTCGGATGACACTGTCAGGGAGGGCTGACTGGCAGCCTT 660
 Oy 661 GTGTCCTTGCGCTGACTGCCGATGACACTGTCAGGGAGGGCTGACTGGCAGCCCTG 720
 Db 661 GTGTCCTTGCGCTGACTGCCGATGACACTGTCAGGGAGGGCTGACTGGCAGCCCTG 720
 Oy 721 TATGACAAAGAGAGTACCAAGAGAACATCCCACATCCACTGGGACTTAAGC 780
 Db 721 TATGACAAAGAGAGTACCAAGAGAACATCCCACATCCACTGGGACTTAAGC 780
 Oy 781 CGTCAGAGAAGTGGACCTGGACCATAGGCGATGGACATTCGGAGATCATCG 840
 Db 781 CGTCAGAGAAGTGGACCTGGACCATAGGCGATGGACATTCGGAGATCATCG 840
 Oy 841 TAAAGACTTTAGGAAACCACTTATTGAAATAATGTTGATTTGTTGATTTAAACTGT 900
 Db 841 TAAAGACTTTAGGAAACCACTTATTGAAATAATGTTGATTTGTTGATTTAAACTGT 900
 Oy 901 TCTAGGAAGTCATAGAGACTCATGACTTCCTTCATAGAAATATGCTTAATGAA 960
 Db 901 TCTAGGAAGTCATAGAGACTCATGACTTCCTTCATAGAAATATGCTTAATGAA 960
 Oy 961 TCAAGAAAT 969
 Db 961 TCAAGAAAT 969

RESULT 3
 ABK33654 Standard; CDNA; 983 BP.
 ID ABK33654
 XX
 AC ABK33654;
 XX
 DT 08-MAY-2002 (first entry)
 DE cDNA encoding human PRO protein, Seq ID No 237
 XX
 KW Human; secreted protein; PRO; tumour; colon cancer;
 KW breast cancer; prostate tumour; rectal tumour; liver tumour;
 KW pericyte cell proliferation; chondrocyte cell proliferation;
 KW tumour necrosis factor-alpha; gene; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200208288-A2.
 XX
 PD 31-JAN-2002.
 XX
 PF 29-JUN-2001; 2001WO-US21066.
 XX
 PR 20-JUL-2000; 2000US-2195566.
 PR 25-JUL-2000; 2000US-220665P.
 PR 25-JUL-2000; 2000US-220655P.
 PR 25-JUL-2000; 2000US-220607P.
 PR 25-JUL-2000; 2000US-220624P.
 PR 25-JUL-2000; 2000US-220638P.
 PR 25-JUL-2000; 2000US-220664P.
 PR 25-JUL-2000; 2000US-220666P.
 PR 26-JUL-2000; 2000US-220655P.
 PR 28-JUL-2000; 2000WO-US23522.
 PR 23-AUG-2000; 2000WO-US23522.
 PR 24-AUG-2000; 2000WO-US332678.
 PR 15-SEP-2000; 2000US-000000P.
 PR 10-NOV-2000; 2000WO-US30873.
 PR 28-NOV-2000; 2000US-233646P.
 PR 01-DEC-2000; 2000WO-US32678.
 PR 20-DEC-2000; 2000US-0747259.

PR	20-DEC-2000; 2000WO-US34956.	Db	421 TTCCCATGACAGGCTAACAGTCACAGAAAGGGTTTGCACCAATGCCATTGCG 480
PR	28-FEB-2001; 2001WO-US06520.	Qy	481 CCCCTCTTCATCTTGCTCTTGCTGCCCTCAGCGTGTGGTCTCTGCTGGCTGA 540
PR	10-MAY-2001; 2001US-0854380.	Db	481 CCCCTCTTCATCTTGCTCTTGCTGCCCTCAGCGTGTGGTCTCTGCTGGCTGA 540
PR	25-MAY-2001; 2001WO-US17092.	XX	
PA	(GETH) GENENTECH INC.		
XX			
PI	Baker KP, Destroyers L, Gerritsen ME, Goddard A, Godowski PJ;	Qy	541 GAATGGGAGGAAGGCTGGCTGAAGAAGGGAGCAGCTGGCTATAAGAAGTCAT 600
PT	Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;	Db	541 GANTGGGAGGAAGGCTGGCTGAAGAAGGGAGCAGCTGGCTATAAGAAGTCAT 600
XX		Qy	
DR	WPI; 2002-172001/22.	Db	601 CTATGAGGTTTCGATGACATGATCAGGGAGGAAGGGGGNTATGGGGCTTT 660
DR	P-PSDB; AAU83710.	Db	601 CTATGAGGTTTCGATGACATGATCAGGGAGGAAGGGGGNTATGGGGCTTT 660
XX		Qy	
PT	One hundred and twenty two nucleic acids encoding PRO polypeptides, useful for treating a PRO related disorder and for diagnosing tumours such as lung cancer, colon cancer, breast tumour, prostate tumour, rectal tumour or liver tumour.	Db	661 GTCTCGTTCGCTAGTCGCTGATTCAAGACTATTCAGTAAGTCCTG 720
PT		Db	661 GTGTCGTTCGCTAGTCGCTGATTCAAGACTATTCAGTAAGTCCTG 720
XX		Qy	
PS	Claim 237; 359pp; English.	Db	721 TATGACACAGAAAGTAGCAGGAAACATCCCATTCACCTGGCAGCTAAAGC 780
XX		Db	721 TATGACACAGAAAGTAGCAGGAAACATCCCATTCACCTGGCAGCTAAAGC 780
CC	The invention relates to one hundred and twenty two nucleic acids encoding PRO polypeptides. The sequences of the 122 PRO polynucleotides encode human secreted proteins. The PRO nucleic acids, polypeptides, agonists and antagonists are useful for treating a PRO related disorder.	Qy	781 CTGTCAGAGAAAGTGAGCTGGCTGGGACATAGGGATGACANTCCTGGAGCATCAG 840
CC	The PRO polypeptides are useful for diagnosing tumours, especially lung cancer, colon cancer, breast tumour, prostate tumour, rectal tumour or liver tumour. The PRO polypeptides are useful for stimulating the proliferation of, or gene expression, in pericyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the release of tumour necrosis factor-alpha from human blood, for stimulating or inhibiting the proliferation of normal human dermal fibroblast cells. The PRO polypeptide may also be used as molecular weight markers and for tissue typing. The PRO nucleic acids have applications in molecular biology, including use as hybridisation probes, and in chromosome and gene mapping. ABK33536-ABK33657 represent human PRO protein coding sequences of the invention.	Db	781 CTGTCAGAGAAAGTGAGCTGGGACATAGGGATGACANTCCTGGAGCATCAG 840
CC		Qy	841 TAAAGACTTGGGACACTATTTGATGAAATGTTCTGTGTTATTATAAAGCTGT 900
CC		Db	841 TAAAGACTTGGGACACTATTTGATGAAATGTTCTGTGTTATTATAAAGCTGT 900
CC		Qy	901 TCAGAAAGTCATAGAGACTCATGACTTCCTCTTCATGAAATTATGCTGTGAA 960
CC		Db	901 TCAGAAAGTCATAGAGACTCATGACTTCCTCTTCATGAAATTATGCTGTGAA 960
CC		Qy	961 TGAGAAAT 969
CC		Db	961 TGAGAAAT 969
XX		SQ	
Sequence 983 BP; 263 A; 212 C; 245 G; 263 T; 0 other;		RESULT 4	
Query Match Similarity 99.9%; Score 969; DB 24; Length 983;		AAS2785	
Best Local Similarity 100.0%; Pred. No. 2.6e-295;		ID AAS2785 standard; CDNA: 4047 BP.	
Matches 969; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		XX	
Db	1 GGATGCCAGAGAGGAGCAGCTGGAAAGCGTGTGGCTCTCTCCCTCTGCTGGCG 60	AC	
Db	1 GGATGCCAGAGAGGAGCAGCTGGAAAGCGTGTGGCTCTCTCCCTCTGCTGGCG 60	XX	
YY	61 TCCCGTTCTCCAGGTGTTATATCGCTTCTCTGAGATCCTGAGATGCCATG 120	DT	07 -NOV-2001 (first entry)
..D	61 TCCCGTTCTCCAGGTGTTATATCGCTTCTCTGAGATCCTGAGATGCCATG 120	DE	Human immunoglobulin encoding cDNA SEQ ID No 31.
..D	61 TCCCGTTCTCCAGGTGTTATATCGCTTCTCTGAGATCCTGAGATGCCATG 120	XX	Immuno globulin; primer; signal transduction pathway protein; cancer; ss;
Qy	121 TCCGAGGTATGTTGGAAAAGTCAAGTGAATGCACTTCAGTCAGATG 180	XX	KW antisense therapy; gene therapy; neurologica disorder; real disorder;
Db	121 TCCGAGGTATGTTGGAAAAGTCAAGTCACTTCAGTCAGATG 180	XX	KW cardiovascular disorder; gastrointestinal disorder; pulmonary disorder;
Db	121 TCCGAGGTATGTTGGAAAAGTCAAGTCACTTCAGTCAGATG 180	XX	KW reproductive disorder; immune system disorder; proliferative disorder;
Qy	181 TCACTGACAAAGCTTAATGACTGACATATGCCCTCCAGGACACAGAT 240	XX	KW muscular disorder.
Db	181 TCACTGACAAAGCTTAATGACTGACATATGCCCTCCAGGACACAGAT 240	OS	Homo sapiens.
Qy	241 CAATATTCAATTCACTGCTTCAGTACCCACCACAGGACATTCGGGATCGCGA 300	XX	WO200155315-A2.
Db	241 CAATATTCAATTCACTGCTTCAGTACCCACCACAGGACATTCGGGATCGCGA 300	PD	02 -AUG-2001.
Qy	301 TTTCCTGGTGGAAATGTATACAAGGGGATGATATAAGCAACCTTACCA 360	XX	17 -JAN-2001; 2001WO-US01326.
Db	301 TTTCCTGGTGGAAATGTATACAAGGGGATGATATAAGCAACCTTACCA 360	PD	17 -JAN-2001; 2001WO-US01326.
Qy	361 TAAAGCACATGGACATTCAGCTGCTGTGAGAAATCCCCAGATGTCACCATATA 420	PR	31 -JAN-2000; 2000US-0179065.
Db	361 TAAAGCACATGGACATTCAGCTGCTGTGAGAAATCCCCAGATGTCACCATATA 420	PR	04 -FEB-2000; 2000US-0180628.
Qy	421 TTCCCATGACAGACTAACAGTCACAGAAAGGGTTTGGCACCATGCTGTGG 480	PR	24 -FEB-2000; 2000US-0184664.
Db	421 TTCCCATGACAGACTAACAGTCACAGAAAGGGTTTGGCACCATGCTGTGG 480	PR	02 -MAR-2000; 2000US-0186350.
Qy	421 TTCCCATGACAGACTAACAGTCACAGAAAGGGTTTGGCACCATGCTGTGG 480	PR	16 -MAR-2000; 2000US-0189874.
Db	421 TTCCCATGACAGACTAACAGTCACAGAAAGGGTTTGGCACCATGCTGTGG 480	PR	17 -MAR-2000; 2000US-0190076.
Qy	421 TTCCCATGACAGACTAACAGTCACAGAAAGGGTTTGGCACCATGCTGTGG 480	PR	18 -APR-2000; 2000US-0198123.
Db	421 TTCCCATGACAGACTAACAGTCACAGAAAGGGTTTGGCACCATGCTGTGG 480	PR	19 -MAY-2000; 2000US-0205515.
Qy	421 TTCCCATGACAGACTAACAGTCACAGAAAGGGTTTGGCACCATGCTGTGG 480	PR	07 -JUN-2000; 2000US-020467.
Db	421 TTCCCATGACAGACTAACAGTCACAGAAAGGGTTTGGCACCATGCTGTGG 480	PR	28 -JUN-2000; 2000US-0214886.

PR 30-JUN-2000; 2000US-0215135.
 PR 07-JUL-2000; 2000US-0216647.
 PR 11-JUL-2000; 2000US-0216980.
 PR 14-JUL-2000; 2000US-0217487.
 PR 14-JUL-2000; 2000US-0217496.
 PR 14-JUL-2000; 2000US-0218290.
 PR 26-JUL-2000; 2000US-0220963.
 PR 26-JUL-2000; 2000US-0220964.
 PR 14-AUG-2000; 2000US-0224518.
 PR 14-AUG-2000; 2000US-0224519.
 PR 14-AUG-2000; 2000US-0225213.
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 PR 14-AUG-2000; 2000US-0225270.
 PR 14-AUG-2000; 2000US-0225441.
 PR 14-AUG-2000; 2000US-0225757.
 PR 14-AUG-2000; 2000US-0225758.
 PR 14-AUG-2000; 2000US-0225759.
 ?R 18-AUG-2000; 2000US-0222629.
 PR 22-AUG-2000; 2000US-02266891.
 PR 22-AUG-2000; 2000US-0226868.
 PR 22-AUG-2000; 2000US-0227182.
 PR 23-AUG-2000; 2000US-0227009.
 PR 30-AUG-2000; 2000US-0228924.
 PR 01-SEP-2000; 2000US-0229287.
 PR 01-SEP-2000; 2000US-0229343.
 PR 01-SEP-2000; 2000US-0229344.
 PR 01-SEP-2000; 2000US-0229345.
 PR 05-SEP-2000; 2000US-0229509.
 PR 05-SEP-2000; 2000US-0229513.
 PR 06-SEP-2000; 2000US-0230437.
 PR 06-SEP-2000; 2000US-0230438.
 PR 08-SEP-2000; 2000US-0231242.
 PR 08-SEP-2000; 2000US-0231243.
 PR 08-SEP-2000; 2000US-0231244.
 PR 08-SEP-2000; 2000US-0231413.
 PR 08-SEP-2000; 2000US-0231414.
 PR 08-SEP-2000; 2000US-0232080.
 PR 08-SEP-2000; 2000US-0232081.
 PR 12-SEP-2000; 2000US-0231968.
 PR 14-SEP-2000; 2000US-0232397.
 PR 14-SEP-2000; 2000US-0232398.
 PR 14-SEP-2000; 2000US-0232399.
 PR 14-SEP-2000; 2000US-0232400.
 PR 14-SEP-2000; 2000US-0232401.
 PR 14-SEP-2000; 2000US-0233063.
 ?R 14-SEP-2000; 2000US-0233064.
 PR 14-SEP-2000; 2000US-0233065.
 PR 21-SEP-2000; 2000US-0234223.
 PR 21-SEP-2000; 2000US-0234274.
 PR 25-SEP-2000; 2000US-0234997.
 PR 25-SEP-2000; 2000US-0234998.
 PR 26-SEP-2000; 2000US-0235484.
 PR 27-SEP-2000; 2000US-0235834.
 PR 27-SEP-2000; 2000US-0235836.
 PR 29-SEP-2000; 2000US-0236327.
 PR 29-SEP-2000; 2000US-0236367.
 PR 29-SEP-2000; 2000US-0236368.
 PR 29-SEP-2000; 2000US-0236369.
 PR 29-SEP-2000; 2000US-0236370.
 PR 02-OCT-2000; 2000US-0236802.
 PR 02-OCT-2000; 2000US-0237037.
 PR 02-OCT-2000; 2000US-0237038.
 PR 02-OCT-2000; 2000US-0237039.
 PR 13-OCT-2000; 2000US-0237040.
 PR 13-OCT-2000; 2000US-0239935.
 PR 20-OCT-2000; 2000US-0240960.
 PR 20-OCT-2000; 2000US-0241221.
 PR 20-OCT-2000; 2000US-0241785.
 PR 20-OCT-2000; 2000US-0241787.

PR 20-OCT-2000; 2000US-0241787.
 PR 20-OCT-2000; 2000US-0241808.
 PR 20-OCT-2000; 2000US-0241809.
 PR 20-OCT-2000; 2000US-0241896.
 PR 01-NOV-2000; 2000US-0244617.
 PR 08-NOV-2000; 2000US-024674.
 PR 08-NOV-2000; 2000US-0246475.
 PR 08-NOV-2000; 2000US-0246476.
 PR 08-NOV-2000; 2000US-0246477.
 PR 08-NOV-2000; 2000US-0246478.
 PR 08-NOV-2000; 2000US-0246523.
 PR 08-NOV-2000; 2000US-0246524.
 PR 08-NOV-2000; 2000US-0246609.
 PR 08-NOV-2000; 2000US-0246555.
 PR 08-NOV-2000; 2000US-0246611.
 PR 08-NOV-2000; 2000US-0246527.
 PR 08-NOV-2000; 2000US-0246528.
 PR 08-NOV-2000; 2000US-0246530.
 PR 08-NOV-2000; 2000US-0246532.
 PR 08-NOV-2000; 2000US-0246609.
 PR 08-NOV-2000; 2000US-0246610.
 PR 08-NOV-2000; 2000US-0246611.
 PR 08-NOV-2000; 2000US-0246613.
 PR 08-NOV-2000; 2000US-0246707.
 PR 17-NOV-2000; 2000US-0249208.
 PR 17-NOV-2000; 2000US-0249209.
 PR 17-NOV-2000; 2000US-0249210.
 PR 17-NOV-2000; 2000US-0249211.
 PR 17-NOV-2000; 2000US-0249212.
 PR 17-NOV-2000; 2000US-0249213.
 PR 17-NOV-2000; 2000US-0249214.
 PR 17-NOV-2000; 2000US-0249215.
 PR 17-NOV-2000; 2000US-0249216.
 PR 17-NOV-2000; 2000US-0249217.
 PR 17-NOV-2000; 2000US-0249218.
 PR 17-NOV-2000; 2000US-0249244.
 PR 17-NOV-2000; 2000US-0249245.
 PR 17-NOV-2000; 2000US-0249264.
 PR 17-NOV-2000; 2000US-0249265.
 PR 17-NOV-2000; 2000US-0249277.
 PR 17-NOV-2000; 2000US-0249299.
 PR 01-DEC-2000; 2000US-0250160.
 PR 01-DEC-2000; 2000US-0250161.
 PR 05-DEC-2000; 2000US-0251030.
 PR 05-DEC-2000; 2000US-0251031.
 PR 05-DEC-2000; 2000US-0251098.
 PR 05-DEC-2000; 2000US-0251199.
 PR 05-DEC-2000; 2000US-0251479.
 PR 08-DEC-2000; 2000US-0251486.
 PR 08-DEC-2000; 2000US-0251866.
 PR 08-DEC-2000; 2000US-0251867.
 PR 08-DEC-2000; 2000US-0251868.
 PR 11-DEC-2000; 2000US-0254097.
 PR 05-JAN-2001; 2000US-0259678.
 XX (HUMA-) HUMAN GENOME SCI INC.
 XX P1 Rosen CA, Barash SC, Ruben SM;
 XX P2 WPI; 2001-457725/49.
 XX DR P-PSDB; AAU17997.
 XX
 CC Isolated novel immunoglobulin polypeptide for monitoring the presence
 CC and progression of diseases and for diagnosis -
 CC
 PR Claim 1; SEQ ID No 31; 551pp; English.
 XX
 CC Sequences AAS28765-AAS28877 represent cDNA molecules, which encode the
 CC immunoglobulin polypeptides of the invention, and primers for the
 CC polynucleotides. The polynucleotides and polypeptides can be used to
 CC diagnose a pathological condition or a susceptibility to a pathological
 CC condition in a subject by determining the presence or absence of a
 CC mutation in a DNA sequence or determining the presence or amount of
 CC expression of the protein. Alternatively the identification of a binding

partner to a sequence allows determination of changes in protein activity. The sequences can be used as research tools for receptors or other signal transduction pathway proteins that interact with the polypeptides of the invention and can be used to treat, prevent or diagnose various types of disorders such as neurological disorders, cardiovascular disorders, gastrointestinal disorders, reproductive disorders, immune system disorders, renal disorders, muscular disorders, pulmonary disorders, proliferative disorders and cancer.

Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences.

PR 08-SEP-2000; 2000US-231414P.
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 XX PA (HUMA-) HUMAN GENOME SC1 INC.
 XX PI Rosen CA, Barash SC, Ruben SM;
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 DR DR
 PS Claim 1; SEQ ID NO: 211; 859pp + Sequence Listing; English.
 XX
 PT Isolated nucleic acid molecule encoding an inflammation-associated polypeptide is used in preventing, treating or ameliorating a medical condition.
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 CC CC
 CC muscular, reproductive, gastrointestinal, cardiovascular, renal and proliferative disorders and inflammation. The present sequence is a cDNA of the invention.
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(HUMA-) HUMAN GENOME SCI INC.
 XX PA Rosen CA, Barash SC, Ruben SM;
 XX PI DR WPI; 2001-457725/49.
 XX P-PSDB; AU18059.

Isolated novel immunoglobulin polypeptide for monitoring the presence
 and progression of diseases and for diagnosis -
 XX PS XX
 XX PT XX
 CC Sequences ARS28765-AAS28877 represent cDNA molecules, which encode the
 CC immunoglobulin polypeptides of the invention, and primers for the

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	KW	upstream regulat	
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	WPI; 1999-153780		
	DR		
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	P-PSDB; AAY11841		
	XX		
	XXX		
	PT	New isolated pro	
	PT	products which m	
	PT	regulating, anti	
	XX		
	Claim 1: Page 26		
	XXX		
	AAX40438	to AAX4	
	CCC	human secreted P	
	CCC	given in AAY1171	
	CCC	the signal pepti	
	CCC	nucleic acid seq	
	CCC	products. They c	
	CCC	therapy. The pro	
	CCC	proliferation and	
	CCC	activity, tissue-	
	CCC	regulating activi	
	CCC	thrombolytic act	
	CCC	activity, tumour	
	CCC	can be used in f	
	CCC	The sequences ca	
	CCC	sequences. The n	
	CCC	directing extrac	
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	XX		
	Sequence 342 BP;		
	SSQ		
	Query Match		
	Best Local Similari		
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	Qy		
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CC genes. This sequence represents a fragment of one of the human secreted CC proteins. The genes and their corresponding secreted polypeptides are CC useful for preventing, treating or ameliorating medical conditions, CC e.g., by protein or gene therapy. Also pathological conditions can be CC diagnosed by determining the amount of the new polypeptides in a sample CC or by determining the presence of mutations in the new genes. Specific CC uses are described for each of the 94 genes, based on which tissues they CC are most highly expressed in, and include developing products for the CC diagnosis or treatment of cancer, tumours, developmental abnormalities CC and foetal deficiencies, blood disorders, diseases of the immune system, CC autoimmune diseases, inflammation, allergies, Alzheimer's and cognitive CC disorders, schizophrenia, asthma, arthritis, sepsis, skin CC disorders, atherosclerosis, diabetes, cardiovascular disorders, kidney CC disorders, digestive/endocrine disorders, infections and AIDS. The CC polypeptides are also useful for identifying their binding partners. The CC sequences shown in AAY86334 to AAY86385 represent fragments of the CC secreted proteins.

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XX DE Human PRO1192 protein UNQ606 encoding cDNA SEQ ID NO:162.

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PS Claim 7; Page 75; 79pp; English.

XX The present sequence encodes the human channel-related molecule (HCRM) CC designated HCRM-1. HCRM nucleic acids and proteins can be used for the CC diagnosis, prevention and treatment of cell proliferative and transport CC disorders.

XX Sequence 1219 BP; 300 A; 274 C; 320 G; 325 T; 0 other;

Query Match 6.1%; Score 67.4; DB 20; Length 1219;

Best Local Similarity 53.6%; Pred. No. 2.3e-10; Indels 1; Gaps 0;

Matches 140; Conservative 0; Mismatches 121; Gaps 0;

Qy 149 GTGGAATTGACTTTCAAGTCACACTCAGTGCACAGCTACTATAGCTGGAC 208

Db 378 GTTAATAATGACTTTCTCCAGCTTGCCTCTGGGTGATGCTCACAGTGACCTGGAA 437

Qy 209 ATATCGGCCCTCCAGCAGGCCACAGTCAATATCAGTCCTTCAGTCA 268

Db 438 TTTCGTCCTCTAGCGGGACCTAGCAGTTGATCTACTACCATAGATCCCT 497

RESULT 12
AAC58613
ID AAC58613 standard; cDNA; 1371 BP.

XX AC AAC58613;

XX DT 29-JAN-2001 (first entry)

XX DE Human PRO1192 protein UNQ606 encoding cDNA SEQ ID NO:162.

XX AC AAC58613;

XX DE Human PRO1192 protein UNQ606 encoding cDNA SEQ ID NO:162.

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Best Local Similarity 53.6%; Pred. No. 2.3e-10; Indels 1; Gaps 0;

Matches 140; Conservative 0; Mismatches 121; Gaps 0;

Qy 149 GTGGAATTGACTTTCAAGTCACACTCAGTGCACAGCTACTATAGCTGGAC 208

Db 378 GTTAATAATGACTTTCTCCAGCTTGCCTCTGGGTGATGCTCACAGTGACCTGGAA 437

Qy 209 ATATCGGCCCTCCAGCAGGCCACAGTCAATATCAGTCCTTCAGTCA 268

Db 438 TTTCGTCCTCTAGCGGGACCTAGCAGTTGATCTACTACCATAGATCCCT 497

RESULT 11
AAY25016
ID AAY25016 standard; cDNA; 1219 BP.

XX AC AAC58613;

XX DT 29-JAN-2001 (first entry)

XX DE Human PRO1192 protein UNQ606 encoding cDNA SEQ ID NO:162.

XX AC AAC58613;

XX DE Human PRO1192 protein UNQ606 encoding cDNA SEQ ID NO:162.

XX DE Human PRO1192 protein UNQ606 encoding cDNA SEQ ID NO:162.

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PS Claim 7; Page 75; 79pp; English.

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Query Match 6.1%; Score 67.4; DB 20; Length 1219;

Best Local Similarity 53.6%; Pred. No. 2.3e-10; Indels 1; Gaps 0;

Matches 140; Conservative 0; Mismatches 121; Gaps 0;

Qy 149 GTGGAATTGACTTTCAAGTCACACTCAGTGCACAGCTACTATAGCTGGAC 208

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Db 438 TTTCGTCCTCTAGCGGGACCTAGCAGTTGATCTACTACCATAGATCCCT 497

RESULT 12
AAC58613
ID AAC58613 standard; cDNA; 1371 BP.

XX AC AAC58613;

XX DT 29-JAN-2001 (first entry)

XX DE Human PRO1192 protein UNQ606 encoding cDNA SEQ ID NO:162.

XX AC AAC58613;

XX DE Human PRO1192 protein UNQ606 encoding cDNA SEQ ID NO:162.

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XX DE Human PRO1192 protein UNQ606 encoding cDNA SEQ ID NO:162.

Query	Subject	Score	Length
28-APR-1999;	Matches 140; Conservative 0; Mismatches 121; Indels 0; caps 0;		
04-MAY-1999;	99US-0131445;		
04-MAY-1999;	99US-0132371;		
14-MAY-1999;	99US-0134287;		
02-JUN-1999;	99US-0134475;		
23-JUN-1999;	99US-0141037;		
20-JUL-1999;	99US-0144758;		
26-JUL-1999;	99US-0145698;		
28-JUL-1999;	99US-0146222;		
01-SEP-1999;	99WO-US20111;		
08-SEP-1999;	99WO-US20594;		
15-SEP-1999;	99WO-US20944;		
15-SEP-1999;	99WO-US21090;		
05-OCT-1999;	99WO-US21547;		
29-OCT-1999;	99US-US23089;		
29-NOV-1999;	99US-0162506;		
30-NOV-1999;	99WO-US28214;		
01-DEC-1999;	99WO-US28409;		
01-DEC-1999;	99WO-US28301;		
02-DEC-1999;	99WO-US28634;		
02-DEC-1999;	99WO-US28551;		
02-DEC-1999;	99WO-US28564;		
16-DEC-1999;	99WO-US28565;		
20-DEC-1999;	99WO-US30095;		
30-DEC-1999;	99WO-US30999;		
05-JAN-2000;	2000WO-US0124;		
06-JAN-2000;	2000WO-US00277;		
06-JAN-2000;	2000WO-US00376;		
11-FEB-2000;	2000WO-US03565;		
18-FEB-2000;	2000WO-US04341;		
18-FEB-2000;	2000WO-US04342;		
22-FEB-2000;	2000WO-US04414;		
22-FEB-2000;	2000WO-US04414.		
(GETH) GENENTECH INC.			
Ashkenazi AJ, Kabakoff RC, Lu Y, Pan J, Pennica D, Shelton DL, Smith V; Stewart RA, Tumas D, Watanabe CK, Wood WI, Yan M;	WP1; 2000071/53. P-PSDB; AB33448.		
Claim 23: Fig 69; 30pp; English.			
The present invention describes sixty four human PRO proteins which can be used in the treatment of immune related diseases. The human PRO proteins, anti -PRO antibodies, agonists and antagonists are useful for treating and diagnosing immune related disorders. The disorders are selected from systemic lupus erythematosus, rheumatoid arthritis, osteoarthritis, juvenile chronic arthritis, spondyloarthropathies, systemic sclerosis, idiopathic inflammatory myopathies, Sjoren's syndrome, systemic vasculitis, sarcoidosis, autoimmune haemolytic anaemia, autoimmune thrombocytopaenia, thyroiditis, diabetes mellitus, immune-mediated renal disease, demyelinating diseases of the central and peripheral nervous systems, hepatobiliary diseases, inflammatory bowel disease, gluten-sensitive enteropathy and Whipple's disease, autoimmune or immune-mediated skin diseases, allergic diseases, immunological diseases of the lung, and transplantation associated diseases including graft rejection and graft-versus-host-disease. AAC58397 to AAC58579 represent PCR primers and hybridisation probes used in the isolation of human PRO sequences AAC58579 to AAC5862 and AAB33414 to AAB33477 represent human PRO polynucleotide and protein sequences given in the exemplification of the present invention.			
Sequence 1371 BP; 342 A; 315 C; 298 G; 416 T; 0 other;			
Query Match Score 67.4%; DB 21; Length 1371;			
Best Local Similarity 53.6%; Fred. No. 2.5e-10;			

XX
PN W0200073454-A1.
XX
PD 07-DEC-2000.
XX
PF 30-MAR-2000; 2000WO-US08439.
XX
AX 02-JUN-1999; 99WO-US12252.
PR 22-JUN-1999; 99US-0141037.
PR 07-JUL-1999; 99US-0143048.
PR 26-JUL-1999; 99US-0144758.
PR 28-JUL-1999; 99US-0145698.
PR 17-SEP-1999; 99US-0146222.
PR 15-SEP-1999; 99WO-US121090.
PR 15-SEP-1999; 99WO-US21547.
PR 30-NOV-1999; 99US-0158663.
PR 01-DEC-1999; 99WO-US28313.
PR 20-DEC-1999; 99WO-US30095.
PR 05-JAN-2000; 2000WO-US00219.
PR 06-JAN-2000; 2000WO-US00376.
PR 11-FEB-2000; 2000WO-US03565.
PR 18-FEB-2000; 2000WO-US04341.
PR 22-FEB-2000; 2000WO-US04414.
PR 24-FEB-2000; 2000WO-US04914.
PR 24-FEB-2000; 2000WO-US05004.
PR 02-MAR-2000; 2000WO-US05841.
PR 15-MAR-2000; 2000WO-US06884.
PR 20-MAR-2000; 2000WO-US07377.
XX
PA (GETH) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL,
PI Ferrara N, Fong S, Gerber H, Gerritsen ME, Goddowski PJ;
PI Grimaldi CJ, Gurney AL, Klijavin IU, Napier MA, Pan J,
PI Roy MA, Stewart TA, Watanabe CK, Williams PM,
PI Zhang Z;
XX
WPI; 2001-032160/04.
DR P-PSDB; AAB65275.
XX
PT PRO polynucleotides used to produce polypeptides used to target
PT bioactive molecules such as toxins, radiolabels or antibodies, to
PT specific cells, to cause targeted cell death -
XX
PS Claim 2; Fig 279; 93pp; English.
XX
CC The present invention describes human secreted and transmembrane PRO
CC proteins. The PRO proteins have cytostatic activity. The PRO proteins
CC can be used for targeted delivery of bioactive molecules, such as
CC toxins, radiolabels or antibodies, that cause cell death. PRO nucleotide
CC sequences, and their fragments, can be used as hybridisation probes, in
CC chromosomal and gene mapping, and in the generation of anti-sense RNA
CC and DNA. They may also be used to produce transgenic animals which are
CC used to develop and screen therapeutically useful reagents. The PRO
CC nucleotide and protein sequence can be used for tissue typing and in
CC treating cancer. Anti-PRO antibodies can be used in diagnostic assays.
CC AAF44270 to AAF4470 represent PCR primers and hybridisation probes used
CC in the isolation of human PRO sequences. AAF44087 to AAF44269 and
CC AAB65154 to AAB65300 represent human PRO polynucleotide and protein
CC sequences given in the exemplification of the present invention.
XX
SQ Sequence 1371 BP; 342 A; 315 C; 298 G; 416 T; 0 other;

Query Match 6.9%; Score 67.4; DB 22; Length 1371;
Best Local Similarity 53.6%; Pred. No. 2.5e-10;
Matches 140; Conservative 0; Mismatches 121; Indels 0; Gaps 0;

Qy 149 GTGAAATGCACCTTCAGTCACACTCAGATGTCACAGCTACTATAGACTGGAC 208
Db 252 GTTAAATTGCACTTCTCCAGCTTGTGCCCTGTGGGTGATGCTTAACAGTGACCTGGAA 311